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MARKETS FOR FOREST PRODUCTS IN SOUTHWEST GEORGIA

by

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SOUTHEASTERN FOREST EXPERIMENT STATION

ASHEVILLE, NORTH CAROLINA

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Foreword

This report presents the results of a survey of forest product buyers, buying territories, prices, and specifications conducted under Title II, Section 203 of the Research and Marketing Act of 1946. Work of this kind was approved as Project 5, which authorizes "research on the markets and prices for farm forest products." The authors take this opportunity to thank all the buyers, plant owners, and managers whose cooperation made this publication possible.

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FOREST PRODUCTS MARKETS IN SOUTHWEST GEORGIA

INTRODUCTION

Forest products are an important industry in Georgia. In recent years, the State has consistently ranked either fifth or sixth in the Nation in the manufacture of both lumber and veneer and among the top ten in the production of pulpwood. Georgia is also noted for the variety of its minor wood products ranging from hickory ski blanks and parts for textile machinery to fence posts. Yet, unlike some other states with well-developed forest products industries, the commercial forest land of Georgia is predominantly in small ownerships.

Southwest Georgia is typical in this respect and is an important producing area of the State. Here, 64 percent of the timberland is on 21,000 farms averaging only 94 acres of woods apiece. In 1948, farmers accounted for approximately the following percents of the total volumes of standing timber and rough timber products sold:

Product	Percent
Fence posts	85
Hewn tie timber	45
Hewn ties	55
Naval stores gum	100
Piling timber	80
Piling	10
Pole timber	85
Poles, short	100
Poles, long	5
Pulpwood timber	85
Pulpwood	15
Saw timber	85
Sawlogs	5
Veneer timber	15
Veneer logs	10

According to the Census of Agriculture, about 5 percent of the wooded farms sold forest products in 1944. This indicates that the average farmer or other small timber owner probably makes only one such sale every 20 years, even though some sell at intervals of 5 or 10 years or even annually, as in the case of the turpentine farmer. Since he sells so infrequently, the timber owner has little opportunity to become familiar with the markets available to him and often has difficulty in deciding for what products his timber is suitable. He may not even be aware of the differences in value of the various products.

The purpose of this publication is to point out the products for which there is a market and to show the general specifications under which they are bought, their relative prices, and who buys them in each

locality. All the information presented was obtained from a county-by-county canvass of buyers conducted in January and February 1949.

The directory of buyers is as complete as it could be made with the men and funds available. Pulpwood producers and purchasers of sawmill stumpage were purposely omitted. Pulpwood producing, in many instances, is not the principal occupation of the individual concerned. Instead it is conducted on a part-time basis to supplement some other occupation such as farming or logging. Then, too, many pulpwood producers operate in part as contract cutters and haulers of timber purchased on the responsibility of a paper company or dealer. As for the sawmills, most of them log and saw timber purchased by the boundary for a lump sum and operate within a small localized area where they are ordinarily well known. However, a few mills make a general practice of buying logs, and these are included in the listings. Any omissions other than those just noted are inadvertent and reflect in no way on the companies or individuals left out. By the same token, inclusion in the directory does not constitute a recommendation.

PRICES

"A sawmill operator offered a farmer $25 per thousand board feet for some high-quality pine timber. Before closing the sale, the farmer sought the advice of a farm forester. Examination of the timber disclosed some trees suitable for long piling. As a consequence, 15 piles were sold at $40 per tree without seriously reducing the value of the tract for sawlog operation. These piles averaged about 360 board feet each and would have brought only $9 per tree as saw timber."

This story is a typical illustration of a basic rule for profitable timber marketing: "Find out what you have, what it can be used for, and how much each of the companies or individuals who can use it will pay." By following this rule, the farmer made $465 he would not otherwise have received. Very few landowners have trees of such quality, but many have lost equal or larger sums of money by ignoring the rule.

An advance appraisal and a few calculations will usually indicate the highest use for a particular tract of timber. The range of prices paid for various products in the first quarter of 1949 (see table) can serve as a rough guide to the comparative value of timber for the various products. It should be recognized that prices will vary with economic conditions, and in the second quarter of 1949 there was a marked reduction in the prices offered for timber. Irrespective of the general economic level, the quality and quantity of timber, its accessibility, the supply of and demand for similar timber in the vicinity, and other factors influence the price the buyer will pay.

RANGE OF PRICES PAID FOR STUMPAGE, LOGS, BOLTS, ETC., BY PRODUCT AND SPECIES, FEBRUARY 15, 1949

Product	Basis of payment	Cypress	Yellow pine	Ash	Basswood	Beech and birch	Cotton-wood and elm	Dog-wood	Black-gum
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Crosstie stumpage	Per tie	.35- .50	.35- .45						.25- .35
Piling stumpage	Per lineal foot		.15- .25						
Pole stumpage	Per pole		.42-25.94						
Pulpwood stumpage	Per standard cord		2.06- 3.50	1.37- 2.15	1.37- 2.15	1.37- 2.15	1.37- 2.15		1.37- 2.15
Package veneer stumpage	Per M bd. ft. Doyle	12.00	9.00-17.00	9.00		9.00-10.00	10.00-12.00		8.00-12.00
Box cleat bolts	Per standard cord (del'd.)		11.00-14.00	11.00-14.00		11.00-14.00			11.00-14.00
Fence posts	Per piece (del'd.)		.10- .35						
Handle and ski logs	Per M bd. ft. Doyle (del'd.)		60.00	55.00					
Hewn cross ties	Per piece (at R. R.)	1.35- 1.50	.60- 1.55						.60- 1.55
Loom-part bolts	Per M bd. ft. Doyle (del'd.)			35.00-60.00					
Piles	Per lineal foot (f.o.b. cars)		.14- .26						
Poles, short	Per lineal foot (del'd.)		.02- .08						
Poles, long	Per piece (f.o.b. cars)		1.25-64.85						
Pulpwood	Per standard cord (f.o.b. cars)		10.75						10.25
Sawlogs	Per M bd. ft. Doyle (del'd.)	30.00-75.00	20.00-60.00	25.00-70.00	30.00-35.00	30.00-55.00	30.00-35.00		22.00-55.00
Shuttle bolts	Per standard cord (del'd.)							40.00	
Spool bolts	Per standard cord (del'd.)								19.00
Tie cuts (8½ feet)	Per piece (del'd.)								.90
Commercial veneer logs	Per M bd. ft. Doyle (del'd.)				40.00-60.00				20.00-60.00
Package veneer logs	Per M bd. ft. Doyle (del'd.)	25.00-45.00	25.00-45.00	40.00		30.00-40.00	22.50-45.00		22.50-45.00

RANGE OF PRICES PAID FOR STUMPAGE, LOGS, BOLTS, ETC., BY PRODUCT AND SPECIES, FEBRUARY 15, 1949 (Continued)

Product	Basis of payment	Sweet-gum	Hickory	Magnolia	Maple	Oak	Persimmon	Sycamore	Yellow-poplar and sweetbay
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Crosstie stumpage	Per tie					.40			
Piling stumpage	Per lineal foot								
Pole stumpage	Per pole								
Pulpwood stumpage	Per standard cord	1.37- 2.15		1.37- 2.15	1.37- 2.15		1.37- 2.15	1.37- 2.15	1.37- 2.15
Package veneer stumpage	Per M bd. ft. Doyle	8.00-12.00		10.00-12.00	8.00-12.00		12.00	10.00-12.00	8.00-12.00
Box cleat bolts	Per standard cord (del'd.)	11.00-14.00			11.00-14.00				11.00-14.00
Fence posts	Per piece (del'd.)								
Handle and ski logs	Per M bd. ft. Doyle (del'd.)		65.00						
Hewn cross ties	Per piece (at R. R.)	.60- 1.45				.60- 1.55			
Loom-part bolts	Per M bd. ft. Doyle (del'd.)		35.00-60.00						
Piles	Per lineal foot (f.o.b. cars)								
Poles, short	Per lineal foot (del'd.)								
Poles, long	Per piece (f.o.b. cars)								
Pulpwood	Per standard cord (f.o.b. cars)	10.25		10.25	10.25				10.25
Sawlogs	Per M bd. ft. Doyle (del'd.)	22.00-55.00	22.00-70.00	25.00-55.00	25.00-55.00	22.00-55.00		30.00-55.00	25.00-55.00
Shuttle bolts	Per standard cord (del'd.)						30.00		
Spool bolts	Per standard cord (del'd.)								
Tie cuts (8½ feet)	Per piece (del'd.)	.90				.90			
Commercial veneer logs	Per M bd. ft. Doyle (del'd.)	20.00-62.00		20.00-62.00	20.00-60.00			20.00-60.00	20.00-70.00
Package veneer logs	Per M bd. ft. Doyle (del'd.)	22.50-45.00		22.50-45.00	22.50-45.00		25.00	22.50-45.00	22.50-45.00

PRODUCTS AND SPECIFICATIONS

There are no standard and universally recognized specifications for any of the forest products bought and sold in Southwest Georgia. The nearest approaches are the American Standards Association specifications for southern pine poles and the American Railway Engineering Association specifications for cross ties, but even these are frequently modified to suit individual needs or preferences. For this reason, the specifications summarized on the following pages are averages of those in use at the various plants during the First Quarter of 1949. The specifications of a particular buyer may differ markedly and are subject to periodic changes. Because of these changes and uncertainties, it is risky to cut timber without having a particular customer in mind. In fact, an individual should under no circumstances cut any timber product without a firm order and a thorough understanding of his customer's requirements.

SAWLOGS

According to the Census of Manufactures, there were 217 active sawmills in Southwest Georgia in 1947. They produced nearly 211 million board feet of lumber, 96 percent of which was softwoods, mostly pine. In addition, several outside sawmills, including two bandmills at Albany, Georgia, drew a portion of their log supply from the area. The prevailing practice is to buy standing timber to be logged by company or contract crews, and none of the mills depend entirely on open-market purchases of cut logs. Nevertheless, log purchases totaled 35 million board feet in 1948.

Most logs are bought delivered to the mill, though a few of the larger companies do buy high-grade logs f.o.b. railroad cars at specified loading points. The logs are commonly scaled according to the Doyle Rule. However, the Scribner Decimal C, the Doyle-Scribner, the International, and the Two-Thirds are also used, and some operators offer sellers a choice of rules.

Log specifications conform to no standards. They not only differ from mill to mill but from time to time at any one mill depending upon the lumber grades and sizes on order and how urgently logs are needed. At present, about two-thirds of the mills are buying logs at a flat price per thousand board feet regardless of their quality. The minimum acceptable diameter of these woods-run logs is ordinarily 8 inches inside bark at the small end, and the minimum acceptable length is either 10 or 12 feet, plus the customary 4-inch allowance for trim. Maximum lengths usually range from 16 to 22 feet, with a few mills accepting anything up to tree lengths. Defective portions are scaled out, and the resulting deduction must not exceed 20 to 30 percent of the gross scale, or the entire log is culled. Policies vary regarding turpentine faces. Some operators accept them without limit provided they are sound and all nails have been removed, others accept only the fresh portion of the face above

the tins, and some butt off the entire face. Small holes and hollow heart less than 4 inches in diameter are allowed.

When sawlogs are bought on grade, usually only two grades are used. These, again, are not standardized, and their application depends to a great extent on the judgment of the scaler. In general, a Number One log must be at least 12 inches in diameter (although individual specifications range from 8 to 16 inches; it must be straight, free of scars or catfaces, holes, hollow heart, and worm holes; and it must be at least 90 percent surface-clear of knots, burls, and other distortions. Number Two logs are those which cannot qualify as Number Ones but meet the woods-run specification given above.

VENEER TIMBER AND LOGS

As of February 1949, there were seven veneer mills operating in Southwest Georgia. Nine more, located elsewhere, regularly obtain logs from the area. The principal output is rotary-cut veneer for fruit and vegetable baskets, crates, and hampers, but commercial veneers, including high-grade face stock, are also produced. In 1948, these 16 mills consumed 31 million board feet of logs and blocks. Black and tupelo gums were the leading species followed, in order of importance, by sweetgum, yellow-poplar, sweetbay, maple, and magnolia. A few of the package veneer mills were able to use all the softer-textured hardwoods, cypress, pine, and even such species as ash, cherry, elm, and sycamore.

Several of the mills purchase tracts of timber for a lump sum and log them with either their own or contract crews. About the only specifications for a tract of veneer stumpage are that there be sufficient trees of operable size, quality, and desired species to make an attractive logging chance. Usually trees with a stump diameter of less than 14 inches are not cut for veneer.

All the buyers purchase veneer logs and/or blocks delivered to the mill and, in some cases, f.o.b. cars at specified loading points. The Doyle Rule is used to scale this material. Nearly every purchaser buys on a system of two or three grades, but the specifications vary widely, because of the many types of products being manufactured. Generally, Number One logs and blocks must be straight, free of all surface defects, and have a minimum diameter of 14 inches at the small end. Number Two's must be fairly straight, 75 percent surface clear (usually with not more than three small defects), and with a minimum diameter of 12 inches at the small end. Grade Three logs and blocks must be at least 50 percent surface clear, and may have many defects. The minimum diameter in Grade Three is usually 10 inches. Grade Three material has very poor properties for veneering purposes. In the package plants it is often sawed into cleat stock or basket bottoms, while in the commercial veneer mills it is cut into core stock (center layer of plywood panels). Hollow heart not exceeding 3 inches in diameter is permitted and does not influence the grading or the scale of an otherwise sound log or block. Blocks with

hollows larger than this cannot be held firmly by the lathe chuck. The acceptable lengths vary according to the sizes of the veneer sheets to be cut. Cutting orders may change several times in the course of a year, and this results in a corresponding change in the log buyer's length specifications. Most veneer plants will, upon request, supply a set of their current specifications to persons interested in supplying them with logs or blocks.

PULPWOOD

There are no pulpmills in Southwest Georgia. Consequently, less pulpwood is produced than in some neighboring areas. However, nine plants draw from there and, in 1948, their purchases aggregated 286 thousand cords. Over 95 percent of the total was pine. The remainder was largely black and sweet gums with small volumes of magnolia, maple, sweetbay, sycamore, and yellow-poplar. One company accepts a limited amount of water oaks.

Pulpwood is ordinarily cut in 63-inch lengths. A pile of this wood eight feet long and four feet high contains 168 cubic feet and is called a "unit." Several mills quote their prices on this basis; others pay by the standard cord of 128 cubic feet.

Individual specifications vary somewhat by companies, but the following set is typical:

1. Wood should be cut from sound live trees.
2. Sticks must be at least 4 inches in diameter at the small end, reasonably straight, and with the ends sawed square (axe-cut wood is not acceptable). Knots and branches should be trimmed flush with surface of stick.
3. Sticks up to 18 inches in diameter may be left round; those larger than 18 inches should be quartered.
4. Wood must be free of any metal such as nails, wire, or turpentine tins.
5. Turpentine faces are acceptable if uncharred and free of metal.
6. Forked and crooked sticks will not be accepted, nor will hollow or excessively doty sticks.

Pulpwood procurement is a highly-organized activity. Each mill divides its drawing territory into sub-areas small enough to be supervised by one man. Each sub-area is then assigned a production quota, and a "dealer" or area manager assumes responsibility for filling it. To do this, the dealer builds up an organization of pulpwood "producers," the number of producers depending on the size of his quota. Ordinarily, dealers conduct no cutting operations of their own, but most of them are active in locating and negotiating for tracts of suitable timber. These are the men whose names appear in the directory.

Trees 6 to 12 inches in diameter are preferred for pulpwood. However, pulpwood dealers and producers are usually ready to bid for saw timber and even poles where these classes of material occur in stands which also contain pulpwood sizes.

POLES AND PILING

Treating plants at Camilla and Valdosta and buyer-producers representing several outside plants provide a market for pine poles. Their 1948 purchases totaled approximately 240,000 standard poles and an additional 4,000 short poles for farm use. The same buyers also purchased 483,000 lineal feet of piling, mostly in the eastern counties.

The Appendix summarizes the American Standards Association specifications for telephone and power poles. The principal requirements are that they be sound, straight, and without large or clustered knots. There are no similar standards for piling, which is usually bought to fill specific orders and is cut to meet the customers' specifications.

Most poles and piles are sold by the landowners as stumpage. Frequently, they are cut from tracts of timber purchased for a lump sum or by the thousand board feet, the buyer cutting sawlogs, cross ties, or other products in addition to the poles or piles. In other cases, selected individual trees are sold. Sales of pole timber under these conditions are customarily by the piece, and the stumpage price is a percentage (usually 33 to 40) of the f.o.b. price of the cut and peeled poles. Piling stumpage may be priced either by the piece or by the lineal foot depending upon the variety of sizes to be cut.

HEWN CROSS TIES

Although farmers own practically 65 percent of the forest land, very few cut their own timber, being content to sell stumpage. One notable exception is the production of hewn cross ties. About 55 percent of the estimated 600,000 ties hewn in 1948 were produced by farmers, and among the professional tie producers are many who operate almost entirely on their own land. This is in contrast with other timber products where 80 to 95 percent of the volume is accounted for by professionals operating leased lands.

At one time, tie production was predominantly cypress, but now, with pressure-treated ties in general use, sap pine is preferred. Market outlets for hewn ties include the treating plants, all of the nine railroads serving the area, and a number of brokers representing both local and northern railroads. The present demand is primarily for main-line ties, Size 5 (7 x 9 inches) and Size 4 (7 x 8 inches), but Size 3 (6 x 8 inches) is also accepted by all buyers. Size 1 and 2 ties (6 x 6 and 6 x 7 inches) are being purchased by only one major

railroad and in very small quantity. Current lengths are 8, 8½, and 9 feet, and most buyers confine their buying to the latter two.

Specifications for sap-pine ties differ primarily from those for cypress by requiring that the heart be boxed, thus automatically limiting the size of trees suitable for tie cuts. Consequently, stumpage buyers seek stands of trees ranging from 10 to 16 inches in diameter and preferably straight, with slight taper, and without large knots. One sound and worm-free turpentine face per tree is permissible. Tie stumpage is usually paid for at a flat price per tie rather than by the tract.

NAVAL STORES GUM

Since 1934 there has been a steady trend away from the fire-still method of gum processing to the central steam-still method. There were approximately 130 active fire stills in Southwest Georgia in 1934. At present, there are less than 15 in operation and none buying gum. Instead, there are five modern steam distillation plants in the area and these, coupled with six similar plants in the adjoining eastern portion of the state, now process the bulk of the gum. These eleven plants purchased a total of 577,000 barrels in 1948, drawing from Florida and eastern Georgia as well as from Southwest Georgia.

Crude gum is generally purchased directly from the producer, who delivers it to the plant. Each producer's gum is weighed and graded at the time of delivery. The industry knows from experience how many gallons of turpentine and the number of pounds and the grade of rosin which one standard barrel (435 pounds net) of a certain grade of crude gum will produce. Using prices for turpentine and rosin which are based on daily quotations from the Savannah Naval Stores Market, the gum buyer computes the price per standard barrel which he will pay the producer. This price may vary from day to day because of fluctuations in the Savannah Market and, since all plants base their prices on this market, their prices for any one day are very similar.

Since central steam stills came into use, it has become advantageous for the owners of small tracts of longleaf or slash pine to enter the gum producing field as a part-time occupation.

OTHER PRODUCTS

In addition to the foregoing products, each of which is purchased in some quantity in Southwest Georgia, there are several others which are bought only occasionally or in limited amounts, or for which there is a limited market.

Box cleat bolts.--In most cases, cleats (strips to which veneer sheets are fastened in the fabrication of boxes and crates) and basket bottoms are resawn from low-grade lumber purchased for this purpose;

sometimes, too, the cleats are sawn from logs or blocks that have been rejected for veneer. However, one package veneer mill does buy cleat bolts, which their loggers produce from the upper stems of the trees being cut for veneer blocks. The bolts are purchased by the standard cord and are bought in varying lengths, depending on the size of the product being manufactured.

Fence posts.--There are several privately-owned open-vat treating plants in Southwest Georgia. These plants purchase round pine posts in two standard lengths, 6½ and 8 feet. The 6½-foot post may have a diameter of 2¼ to 6 inches with not more than 2 inches sweep and is commonly called a "running" post. The 8-foot post, 5 to 8 inches in diameter, may have 2½ inches sweep and is used as a corner post. All posts must be free of fire char, hollow heart, and rot. Knots are not a defect if they are trimmed flush and do not occur in groups. The posts are purchased either rough or peeled. The basis of payment is the piece, according to length, when delivered to the treating plant. During 1948, approximately 320,000 of these round posts and 7,000 cull cross ties (for use as corner posts) were purchased.

Handle and ski logs.--Three handle plants are now operating in Southwest Georgia. One uses pine bolts 5½ feet in length (plus a 2-inch trimming allowance) and not less than 9 inches in diameter at the small end to manufacture cotton hoe handles. These bolts must be straight and free of rot and knots. Another plant uses hickory logs and bolts in lengths varying from 3 to 16 feet, with a minimum sapwood requirement of 50 percent and a minimum diameter of 10 inches, to make a variety of striking-tool handles. The third plant purchases ash and hickory logs in 6-, 8-, 16-, and 24-foot lengths and to a minimum diameter of 8 inches. The ash, bought on only one grade, and the Number Two Grade hickory are manufactured into striking-tool handles while the Number One hickory logs are cut into ski blanks, largely for export to Europe. The ash and Number Two hickory must be 75 percent surface-clear, but the specifications permit slight crook, 2 knots per 6 feet of length, and occasional mineral stains and bird pecks. The Number One hickory must be 100 percent surface-clear and straight-grained. Both ash and hickory are limited to 17 rings per inch. Hollow heart up to 25 percent of the diameter at the small end of the log is not considered a defect.

Shuttle bolts and loom-part logs.--Only one plant buying shuttle bolts is located in the area. It purchases dogwood and persimmon bolts in various lengths from 18 to 54 inches. Each bolt must include a trimming allowance of 2 inches. Minimum diameter at the small end of the bolt is 4½ inches. Bolts must be reasonably straight and show a clear spacing of 18 inches or more between defects or between a defect and the end of the bolt. Dogwood is the preferred species. Sticks with a red heart or with hollow or doty centers must have at least 2½ inches of white wood. Shuttle bolts are purchased by the standard cord either delivered to the plant or f.o.b. cars.

The same plant also purchases ash and hickory logs in 6-foot and longer lengths from which to manufacture loom parts. The minimum diameter is 10 inches, the logs must be straight, and a high proportion of sapwood is preferred. Scaling is according to the Doyle Rule and the logs are purchased delivered.

Spool bolts.--One plant, making spools for cotton thread and located elsewhere in the state, buys black and tupelo gum bolts and logs within the area. The bolts must be not less than 49 inches nor more than 50 inches in length, and logs must be cut to exact multiples of 49 inches. The minimum acceptable diameter of log or bolt is 8 inches. Crotched bolts are not taken, and no more than 3 closely-trimmed knots per 49 inch bolt are allowed (with no knot to exceed 3 inches in diameter). Both logs and bolts are purchased by the standard cord delivered to the plant. Rail shipments must be by rack car with the seller paying the freight charges.

Naval stores stumps.--These are the stumps of old-growth longleaf and slash pines which are commonly referred to as "fat pine," "lightered pine," or "lightwood." They are purchased by a plant in Southeast Georgia which extracts turpentine, rosin, and various pine oils from them.

Stump-land is appraised in terms of "standard" 500-pound stumps. In actual practice, of course, three or four average-sized stumps are required to make this weight. Although it is difficult to generalize, any easily accessible area at least 25 acres in extent with a minimum of one standard stump per acre is potentially merchantable either now or at some future time. To be accessible, the ground must be firm enough for heavy trucks, and the standing timber, if any, sufficiently open to permit bulldozers to operate. Small tracts are usually purchased for a lump sum, while the stumps on the larger tracts are paid for on the basis of the tonnage removed.

INDEPENDENT LOGGERS

In addition to the buyers of specific products, there are over 100 companies and individuals who are less easily classified. They are the independent loggers who buy and log standing timber, selling the cut products. In size, their operations range from the man with one truck and a team of mules to firms with eight or ten trucks, tractors, and other heavy logging equipment.

Loggers are the principal source of veneer logs and blocks, and also supply a considerable volume of sawlogs to the larger sawmills. Some sell only to a single plant and may contract to furnish a certain volume of logs per week or per month; others operate entirely in the open market and maintain contacts with a number of plants and buyers. The latter offer an excellent potential market for stumpage, since they are able to utilize a variety of species and sizes in mixed stands.

In most cases, the independent loggers are listed in the directory only as buyers in their home counties. Actually, many of them operate in adjacent counties as well.

MARKETING ASSISTANCE AVAILABLE

The District Foresters of the Georgia Department of Forestry are prepared to assist the landowners of Southwest Georgia in appraising, marking, and marketing their timber. Their territories are as follows:

Olin Witherington, Box 169, Americus

Ben Hill, Crisp, Dooly, Turner, and Wilcox Counties.

M. E. Nixon, Waycross

Berrien, Cook, Irwin, Lanier, and Lowndes Counties.

Hugh P. Allen, Farm Bureau Building, Camilla

Baker, Brooks, Colquitt, Decatur, Early, Grady, Miller, Mitchell, Seminole, Thomas, Tift, and Worth Counties.

The landowners can also call upon consulting foresters. The consultants listed below have been approved by the Society of American Foresters and have indicated they are available for work in this territory. In addition, there are undoubtedly other local private consultants who could render assistance.

E. P. Ahern, Allen, Alabama
Carolina Forestry Co., Inc., Box 341, Clinton, N. C.
Keith Cranston, 4th and Huddleston, Leland, Miss.
William E. Dunham, Southern Foresters, Savannah, Ga.
Forest Managers, Inc., 1406 First St., Neptune Beach, Fla.
E. C. Haff, 836 Edisto Ave., N. W., Orangeburg, S. C.
William H. Haley, Box 343, Hazlehurst, Ga.
Giles G. Hall, Box 1, 1212 Laurens St., Aiken, S. C.
Robert K. Knoth & Co., 39 Broad St., Charleston, S. C.
Langdale Timber Co., Box 2, Valdosta, Ga.
T. A. Liefeld, Thomasville, Ga.
William J. Mills, 530 Volunteer Bldg., Chattanooga 2, Tenn.
John G. Rawls Co., 408 Rogers Avenue, Macon, Ga.
A. P. Russell, 11 Maplewood Drive, Sumter, S. C.
Harold M. Sebring, McRae, Ga.
Alexander L. Setser, Box 23, Norris, Tenn.
S. I. Somberg and H. L. Lesselbaum, Lane, S. C.
J. Atwood Whitman, Glendon, N. C.

SPECIES CODES USED IN BUYER DIRECTORIES

01. Cedar
02. Cypress
04. Longleaf pine
05. Slash pine
08. All southern pines
10. Ash
11. Basswood
12. Beech
13. Birch
14. Cherry
15. Cottonwood
17. Dogwood
18. Elm
19. Black and tupelo gums
20. Sweetgum
21. Hickory
22. Maple
23. Oak
28. Persimmon
29. Sycamore
30. Sweetbay
32. Willow
33. Yellow-poplar
34. All "soft" pulping hardwoods: black and sweet gums, maple, sweetbay, yellow-poplar, magnolia, etc.
35. Southern magnolia

FOREST PRODUCTS BUYERS BY PRODUCT

Names marked with an asterisk (*) accept rail shipments from certain points outside the territories shown on the list of buyers by counties.

NAVAL STORES STUMPS

Name and P. O. Address	Species
Hercules Powder Co., Brunswick	04 05

PILING TIMBER

Name and P. O. Address	Species
Langdale Company, The, Valdosta	08

POLE TIMBER

Name and P. O. Address	Species
Green, W. S., Camilla	08
Langdale Company, The, Valdosta	08
Lawton, D. W. 200 E. Crawford, Valdosta	08
Lewis Wood Preserving Company Camilla	08

POLE TIMBER (Continued)

Name and P. O. Address	Species
Rogers, H. Ross and Son, Cordele	08
Rowe, J. C., Tifton	08

PULPWOOD TIMBER

Name and P. O. Address	Species
Bateman, J. R., Homerville	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	08 23 34
Castle, J. B., Stockton	08
Coastal Forest Farms Box 536, Brunswick	08 34
Cook and Co., Hazlehurst	08
Douglas, R. G., Area Manager Brunswick Pulp & Paper Co. Nicholls	08 23 34
Gibson Paperwood Co., Inc. Box 711, Tallahassee, Florida	08 34
Graham, J. W., Rochelle	08
Harris, A. S., Box 396, Valdosta	08
Hasty, Gordon L. Box 789, Thomasville	08
Kimbrough, John, Box 474, Valdosta	08
Langdale Company, The, Valdosta	08
Long Brothers Lumber Company Bainbridge	08
McLeod Pulpwood Company, Iron City	08
Peck and O'Hara, Inc. Box 602, Valdosta	08
Rowe, Homer, Alapaha	08
Wells, R. E., Box 241, Bainbridge	08

HEWN TIE TIMBER

Name and P. O. Address	Species
Cribbs, C. R. and L. M., Ray City	02 08 19
Exum, R. T., Ray City	08
Flowers, J., Route 2, Ray City	02 08
Griffin, Joe L., Norman Park	08
Johnson, John Henry Route 4, Nashville	08
McKay, L. A., Pitts	08
McLane-Frost Tie Company Valdosta	02 08 23
Rowe, Homer, Alapaha	08
Sasser, R. H. 530 Broad Avenue, Albany	08 19 20 23
Shelley, W. P. Box 882, Tallahassee, Florida	08 19 23
Vining, G. C., Alapaha	08
Willis, A. B., Nashville	08 19

COMMERCIAL VENEER TIMBER

Name and P. O. Address	Species
Southern Plywoods Greenville, Florida	19 20 22 30 33 35

PACKAGE VENEER TIMBER

Name and P. O. Address	Species
Dayton Veneer & Lumber Mills Americus (R. R. Station-Arles)	08 15 18 19 20 22 29 30 33 35
Edison Veneer Company, Edison	15 18 19 20 22 29 30 33 35
Elberta Crate and Box Company Bainbridge	08 18 19 20 22 30 33 35
Simmons Brothers, Inc. Arlington	02 08 14 15 18 19 20 22 28 29 30 33 35

DIMENSION BOLTS

Name and P. O. Address	Species
Medgentra Ltd., Bainbridge* 1/	10 21
Stowell-MacGregor Corporation 2/ c/o Clark Thread Co., Albany	19
Talley Veneer Company, Adel 3/	08 10 12 14 19 20 22 30 33

FENCE POSTS

Name and P. O. Address	Species
B. and T. Wood Preserving Co. Alapaha	08
Coastal Plain Timber and Treating Co. Tifton	08
Langdale Company, The, Valdosta	08
Moultrie Wood Preserving Co. Box 502, Moultrie	08
Youmans, J. W., Donalsonville	08

HANDLE BOLTS

Name and P. O. Address	Species
Hartley Handle Company, Blakely	21
Jackson, E. W. Company Box 552, Valdosta	10 21
Lewis, E. F., Cordele	08

HEWN TIES

Name and P. O. Address	Species
Albany and Northern Railway Co., Albany	02
Brewer, J. E., Jr. 412 S. Lee, Fitzgerald	08 19

1/ Loom-part bolts

2/ Thread spool bolts

3/ Box cleat bolts

HEWN TIES (Continued)

Name and P. O. Address	Species
Chitty, M. C., Supervisor Central of Georgia Railway Co. Albany	02 08
Cooney, C. T. and Sons, Inc. Box 382, Waycross	08 19
Griffin, Joe L., Norman Park	08
Griffin, M. L., General Manager The Lakeland Railway, Lakeland	02
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	08
Hinshaw, S. M., Inspector c/o Southern Ry. Baggage Agt. Valdosta	02 08 23
Jessup, W. L., Sr., Eastman	08 19 20 23
Kansinger, J. H., President and General Manager South Georgia Ry. Co. Perry, Florida	02 08
Kent, Allen J., Buyer Atlantic Creosoting Co., Adel	08 19
Love, John, Route 4, Fitzgerald	08
Mathis and Vining 1604 Slater Street, Valdosta	08
May, G. W., Supervisor Georgia & Florida Railroad Nashville	02
McLane-Frost Tie Company Valdosta	02 08 23
Rowe, Homer, Alapaha	08
Sasser, R. H. 530 Broad Avenue, Albany	08
Shelley, W. P. Box 882, Tallahassee, Florida	08 19 23
Telfair Tie Company, McRae	08 19 20 23
Tharp, J. W., River Junction	08 19 20 23
Tomlinson, B. J., Lakeland	02 08 19 23

HEWN TIES (Continued)

Name and P. O. Address	Species
Willis, A. B., Nashville	08 19

NAVAL STORES GUM

Name and P. O. Address	Species
Columbia Naval Stores Co., Fitzgerald	04 05
Columbia Naval Stores Co., Hazlehurst	04 05
Columbia Naval Stores Co., Tifton	04 05
Filtered Rosin Products, Inc. Douglas	04 05
Glidden Company, The, Valdosta	04 05
Langdale Company, The, Valdosta	04 05
McRae Processing-Supply Co., McRae	04 05
Pearson Gum Processing Co., Pearson	04 05
Peninsular-Lurton Company, Helena	04 05
Shelton Naval Stores Processing Co. Valdosta	04 05
Star Naval Stores Co., Homerville	04 05

PILING

Name and P. O. Address	Species
Kent, Allen J., Buyer Atlantic Creosoting Co., Adel	08

POLES

Name and P. O. Address	Species
Coastal Plain Timber and Treating Company, Tifton	08
Kent, Allen J., Buyer Atlantic Creosoting Co., Adel	08
Langdale Company, The, Valdosta	08
Lewis Wood Preserving Company Camilla	08

POLES (Continued)

Name and P. O. Address	Species
Moultrie Wood Preserving Co. Box 502, Moultrie	08
Rogers, H. Ross and Son, Cordele	08
Smith, Tom B., Buyer Southern Wood Preserving Co. Box 126, Scotland	08

PULPWOOD

Name and P. O. Address	Species
Bateman and Company, Camilla	08
Bateman, J. R., Homerville	08
Bedsole, J. C. 112 S. Jefferson St., Albany	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	08 23 34
Coastal Forest Farms Box 536, Brunswick	08 34
Cook and Co., Hazlehurst	08
Dancer, Mrs. W. R., Colquitt	08
Douglas, R. G., Area Manager Brunswick Pulp & Paper Co. Nicholls	08 23 34
Gibson Paperwood Co., Inc. Box 711, Tallahassee, Florida	08 34
Land, Roy, Box 123, Albany	08
Long Brothers Lumber Company Bainbridge	08
McLeod Pulpwood Company Iron City	08
Melton, T. D., Albany	08
Peake, George W., Eufaula, Alabama	08
Rogers, H. Ross and Son, Cordele	08 34
Rowe, Homer, Alapaha	08
Southland Timber Corp. Box 1063, Albany	08 34

PULPWOOD (Continued)

Name and P. O. Address	Species
Sutton, Dr. J. M., Sylvester	08
Tindel, H., Graceville, Florida	08
Tindel Pulpwood Company Box 761, Albany	08
Toney, P. E., Americus	08
Wells, R. E., Box 241, Bainbridge	08 34

SAWLOGS

Name and P. O. Address	Species
Augusta Hardwood Co., Augusta	02 08 10 11 12 13 14 18 19 20 22 23 29 30 33
Bray, J. N. Co., Valdosta	08
Climax Lumber Company, Inc., Climax	08 33
Columbia Lumber Company, Lake Park	08
Connor Brothers Lumber Company Tifton	02 08 33
Cordele Sash, Door, & Lbr. Co. Cordele	02 08
Damascus Lumber Company, Damascus	02 08
Day, J. Y., Ambrose	08
DeLoach, R. S., Box 339, Valdosta	08 30 33
Elberta Crate and Box Company Bainbridge	02 08 10 18 19 20 21 22 23 30 33 35
Fluker, T. R., Quitman	08
Georgia Crate and Basket Co. Thomasville	08
Georgia Lumber and Supply Co. Valdosta	08 33
Gragg and Willis Lumber Co. Bainbridge	08 10 30 33 35
Green, Bert, Quitman	08

SAWLOGS (Continued)

Name and P. O. Address	Species
Griffin Brothers Lumber Company Coolidge	08
Hancock Lumber Company, Quitman	02 08 33
Hawkinsville Lumber Company Hawkinsville	02 08
Hightower Lumber Company, Blakely	01 02 08 10 19 20 26 33
Houston Mfg. Co., Abbeville	08
Jones Lumber Co., Donalsonville	02 08 33
Keadle Brothers Company, Camilla	08 33
Kirby-Evans Material Co. Thomasville	08
Layson Lumber Company Box 735, Albany	08
Ledbetter Lbr. Co., Willacoochee	02 08 19 20 30 33
Little Suwannee Lbr. Co., Homerville	02 08
Mitchell Brothers Lumber Co., Metcalf	08
Reynolds Brothers Lumber Co., Albany*	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Rogers, H. Ross and Son, Cordele	08 10 11 13 15 16 18 19 20 21 22 29 30 32 33
St. Regis Paper Co., Fargo	08
Sanders Lumber Company, Arlington	02 08
Shoemaker Lumber Company, Whigham	08
Tyson, W. M. Lumber Co., Inc. Cairo	08 30 33 35
Tyson Lumber Company, Camilla	08
Watkins Lumber Company, Albany	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Youmans, Gus, Donalsonville	02 08 11 15 18 19 20 22 23 29 30 33 35

SHUTTLE BOLTS

Name and P. O. Address	Species
Medgentra Ltd., Bainbridge*	17 28

TIE CUTS

Name and P. O. Address	Species
Green, Bert, Quitman	19 20 23

COMMERCIAL VENEER BLOCKS

Name and P. O. Address	Species
Alexander-Harris Company, Pelham	30 33 35
Alexander Wood Products, Inc.* Athens	19 20 30 33 35
Florida Veneer and Lbr. Co. Monticello, Florida	02 08 19 20 22 30 33 35
General Plywood Corp., Cuthbert*	19 20 30 33
Minix Furniture Mfg. Company Moultrie	30 33
Prinsho Veneer Company, Inc. Valdosta	19 20 30 33
Rogers, H. Ross and Son, Cordele	19 20 22 30 33 35
Valdosta Plywoods, Inc., Valdosta	19 20 22 29 30 33

PACKAGE VENEER BLOCKS

Name and P. O. Address	Species
C. and H. Veneer Company Hawkinsville	08 19 20 22 29 30 33 35
Dayton Veneer & Lumber Mills Americus (R. R. Station-Arles)	08 15 18 19 20 22 29 30 33 35
Edison Veneer Company, Edison	15 18 19 20 22 29 30 33 35

PACKAGE VENEER BLOCKS (Continued)

Name and P. O. Address	Species
Elberta Crate and Box Company Bainbridge	08 18 19 20 22 30 33 35
Georgia Crate and Basket Co. Thomasville	08 12 19 20 22 30 33 35
J. and J. Veneer Company Cuthbert	13 15 18 19 20 22 29 30 33
Maxwell Bros., Inc. Jasper, Florida	08 19 20 22 30 33 35
Simmons Brothers, Inc.* Arlington	02 08 14 15 18 19 20 22 28 29 30 33 35
Talley Veneer Company, Adel	08 10 12 14 19 20 22 30 33

INDEPENDENT LOGGERS

Name	P. O. Address
Bailey, D. L.	Bainbridge
Baker, C. C.	Coolidge
Bennett, V. R.	Bainbridge
Benson, A. B.	Bainbridge
Boone, A. C.	Adel
Brooks, Loris B.	Camilla
Bryant, Arthur	Cairo
Burney, R. B.	Bainbridge
Butler, M. C.	Thomasville
Butler, R. V.	Thomasville
Carter, L. J.	Adel
Carter, Sam G.	Adel
Christian, T. M.	Quitman
Clemons, E. L.	Bainbridge
Cole, Leroy	Lakeland

INDEPENDENT LOGGERS (Continued)

Name	P. O. Address
Comerford, E. E.	Bainbridge
Craft, G. J.	Bainbridge
Crawford, M. T.	Route 3, Valdosta
Crew, Jesse	Cairo
Crew, L. W.	Route 3, Cairo
Cruel, Eugene	Bluffton
Dieas, B. H.	Alapaha
Dove, J. S.	Bainbridge
Estes, L. P.	Bainbridge
Forehand, Calvin	Bainbridge
Fulford, C. G.	Cairo
Gainous, H. E.	Pelham
Gannie, Horace	Cairo
George, C. J.	Valdosta
Ghee, Peter	R. F. D., Quitman
Gillespie, W. E.	Quitman
Guest, B. F.	Ray City
Hampton, Jeff	Quitman
Harrell, J. D.	Route 1, Cairo
Harris, A. S.	Box 396, Valdosta
Harris, J. H.	Box 611, Thomasville
Hart, Hubert	Pavo
Hasty, J. B.	Blakely
Henderson, D. F.	Havana, Florida
Herndon, Willie	Route 2, Lake Park
Herring, George	Thomasville
Hickman and Sons	Bainbridge
Hiers, C. M.	Bainbridge
Hougen, L. H.	Route 1, Valdosta
Ireland, J. L.	Box 33, Whigham
Jackson, Leroy	Quitman

INDEPENDENT LOGGERS (Continued)

Name	P. O. Address
Jacobs, Robert	Arlington
Jester, Gordon	Bainbridge
Johnson, E. M.	Donalsonville
Johnson, Sam	Bemis Road, Valdosta
Johnson, Son	Quitman
Leary, Herbert	Route 1, Tallahassee, Florida
Leverett, W. J.	Bainbridge
Lunsford, W. O. and Sons	Leary
Maxwell, Fred	Pelham
Mayne, Henry O.	207 Holiday Street, Valdosta
McDowell, W. E.	Damascus
McElvey, Carl	Bainbridge
Miller, Perry	Cairo
Miller, W. P.	Route 1, Cairo
Moore, Carl	Blakely
Murkerson, Earl	Thomasville
Musgrove, Frank	Thomasville
Peavey, M. D., Jr.	Havana, Florida
Phillips, J. F.	Bainbridge
Pritchart, A. J.	Pelham
Rogers, H. Ross and Son	Cordele
Roland, Ernest	Route 1, Tallahassee, Florida
Ross, Claude	Arlington
Rykard, G. E.	W. Magnolia Street, Valdosta
Sellers, A. C.	Cairo
Selph, Jack and George	711 River Street, Valdosta
Shealey, D. W.	Bainbridge
Shedrick, Charlie	Leary
Shelley, W. P.	Box 882, Tallahassee, Florida
Shiver, Warren	Tifton
Sheemaker, J. S.	Whigham

INDEPENDENT LOGGERS (Continued)

Name	P. O. Address
Smith, W. G.	Thomasville
Southall, J. T.	104 Briggs Street, Valdosta
Stephens, Abner	Bainbridge
Stevens, Will	Quitman
Strayhorn, J. T.	Route 3, Valdosta
Studstill, J. F.	Lakeland
Templeton, J. O.	Sparks
Thompson, Harry	Bainbridge
Thomas, W. M.	405 E. Central Avenue, Valdosta
Thomas, Z. B.	Box 136, Valdosta
Tillery, L. H.	Omega
Tillman, J. J.	Adel
Tripp, J. W.	Camilla
Tyler, A. T.	Hahira
Vickery, S. M.	Pendleton Avenue, Valdosta
Wade, J. L.	Lenox
Walden, Gwin W.	Route 3, Cairo
Watson, A. V.	Bainbridge
Welch, L. A.	Poulan
White, J. C.	Clyattville
Whitfield, W. A.	Thomasville
Whittaker, C. G.	Bainbridge
Youmans, Gus	Donalsonville
Zorn Brothers	Bainbridge

FOREST PRODUCTS BUYERS BY THE COUNTIES IN WHICH THEY BUY

BAKER COUNTY

Name and P. O. Address	Product Bought	Species
Albany Northern Railway Co. Albany	Hewn ties	02
Bateman and Company, Camilla	Pulpwood	08
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Damascus Lumber Co., Damascus	Sawlogs	02 08
Edison Veneer Company, Edison	Package veneer timber	15 18 19 20 22 29 30 33 35
	Package veneer blocks	15 18 19 20 22 29 30 33 35
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Hartley Handle Company Blakely	Handle bolts	21
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hightower Lumber Company Blakely	Sawlogs	01 02 08 10 19 20 23 33
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Keadle Brothers Company Camilla	Sawlogs	08 33
Land, Roy, Box 123, Albany	Pulpwood	08
Layson Lumber Company Box 735, Albany	Sawlogs	08
Lewis Wood Preserving Company Camilla	Pole timber	08
	Poles	08
Lunsford, W. O. and Sons Leary	Logger	
Medgentra Ltd., Bainbridge	Dimension bolts	10 21
	Shuttle bolts	17 28
Peake, George W. Eufaula, Alabama	Pulpwood	08

BAKER COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Reynolds Brothers Lumber Co. Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Sanders Lumber Company Arlington	Sawlogs	02 08
Sasser, R. H. 530 Broad Avenue, Albany	Hewn tie timber Hewn ties	08 19 20 23 08
Simmons Brothers, Inc. Arlington	Package veneer timber	02 08 14 15 18 19 20 22 28 29 30 33 35
	Package veneer blocks	02 08 14 15 18 19 20 22 28 29 30 33 35
Shedrick, Charlie, Leary	Logger	
Southland Timber Corp. Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Toney, P. E., Americus	Pulpwood	08
Tyson Lumber Company, Camilla	Sawlogs	08
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34

BEN HILL COUNTY

Name and P. O. Address	Product Bought	Species
Brewer, J. E., Jr. 412 S. Lee, Fitzgerald	Hewn ties	08 19
Columbia Naval Stores Co. Fitzgerald	Naval stores gum	04 05
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05

BEN HILL COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Day, J. Y., Ambrose	Sawlogs	08
Douglas, R. G., Area Manager Brunswick Pulp & Paper Co. Nicholls	Pulpwood timber Pulpwood	08 23 34 08 23 34
Filtered Rosin Products, Inc. Douglas	Naval stores gum	04 05
Glidden Company, The, Valdosta	Naval stores gum	04 05
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	Hewn ties	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Land, Roy, Box 123, Albany	Pulpwood	08
Love, John, Route 4, Fitzgerald	Hewn ties	08
Melton, T. D., Albany	Pulpwood	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
McRae Processing-Supply Co. McRae	Naval stores gum	04 05
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05
Peninsular-Lurton Company Helena	Naval stores gum	04 05
Rogers, H. Ross and Son Cordele	Pole timber Poles Pulpwood Sawlogs Commercial veneer blocks	08 08 08 34 08 10 11 13 15 16 18 19 20 21 22 29 30 32 33 19 20 22 30 33 35
Smith, Tom B., Buyer Southern Wood Preserving Co. Box 126, Scotland	Poles	08

BEN HILL COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

BERRIEN COUNTY

Name and P. O. Address	Product Bought	Species
Augusta Hardwood Co., Augusta	Sawlogs	02 08 10 11 12 13 14 18 19 20 22 23 29 30 33
B. and T. Wood Preserving Co. Alapaha	Fence posts	08
Bateman, J. R., Homerville	Pulpwood timber	08
	Pulpwood	08
Bray, J. N. Co., Valdosta	Sawlogs	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber	08 23 34
	Pulpwood	08 23 34
Castle, J. B., Stockton	Pulpwood timber	08
Coastal Forest Farms Box 536, Brunswick	Pulpwood timber	08 34
	Pulpwood	08 34
Coastal Plain Timber and Treating Company, Tifton	Fence posts	08
	Poles	08
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Cooney, C. T. and Sons, Inc. Box 382, Waycross	Hewn ties	08 19
Cribbs, C. R. and L. M. Ray City	Hewn tie timber	02 08 19

BERRIEN COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
DeLoach, R. S. Box 339, Valdosta	Sawlogs	08 30 33
Dieas, B. H., Alapaha	Logger	
Exum, R. T., Ray City	Hewn tie timber	08
Flowers, J., Route 2, Ray City	Hewn tie timber	02 08
Glidden Company, The, Valdosta	Naval stores gum	04 05
Harris, A. S. Box 396, Valdosta	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Co. Box 552, Valdosta	Handle bolts	10 21
Johnson, John Henry Route 4, Nashville	Hewn tie timber	08
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Piles Poles	08 19 08 08
Langdale Company, The, Valdosta	Piling timber Pole timber Pulpwood timber Fence posts Naval stores gum Poles	08 08 08 08 04 05 08
Lawton, D. W. 200 E. Crawford, Valdosta	Pole timber	08
Ledbetter Lbr. Co., Willacoochee	Sawlogs	02 08 19 20 30 33
Mathis and Vining 1604 Slater Street, Valdosta	Hewn ties	08
Maxwell Bros., Inc. Jasper, Florida	Package veneer blocks	08 19 20 22 30 33 35
May, G. W., Supervisor Georgia & Florida Railroad Nashville	Hewn ties	02
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05

BERRIEN COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Rowe, Homer, Alapaha	Hewn tie timber Pulpwood timber Hewn ties Pulpwood	08 08 08 08
Rowe, J. C., Tifton	Pole timber	08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Star Naval Stores Co. Homerville	Naval stores gum	04 05
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Tomlinson, B. J., Lakeland	Hewn ties	02 08 19 23
Valdosta Plywoods, Inc. Valdosta	Commercial veneer blocks	19 20 22 29 30 33
Vining, G. C., Alapaha	Hewn tie timber	08
Willis, A. B., Nashville	Hewn tie timber Hewn ties	08 19 08 19

BROOKS COUNTY

Name and P. O. Address	Product Bought	Species
Augusta Hardwood Co., Augusta	Sawlogs	02 08 10 11 12 13 14 18 19 20 22 23 29 30 33
Bray, J. N. Company, Valdosta	Sawlogs	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Castle, J. B., Stockton	Pulpwood timber	08
Christian, T. M., Quitman	Logger	
Columbia Naval Stores Company Tifton	Naval stores gum	04 05

BROOKS COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
DeLoach, R. S. Box 339, Valdosta	Sawlogs	08 30 33
Florida Veneer and Lbr Co. Monticello, Florida	Commercial veneer blocks	02 08 19 20 22 30 33 35
Fluker, T. R., Quitman	Sawlogs	08
Georgia Crate and Basket Co. Thomasville	Sawlogs Package veneer blocks	08 08 12 19 20 22 30 33 35
Georgia Lumber and Supply Co. Valdosta	Sawlogs	08 33
Ghee, Peter, R. F. D., Quitman	Logger	
Gibson Paperwood Co., Inc. Box 711, Tallahassee, Florida	Pulpwood timber Pulpwood	08 34 08 34
Gillespie, W. E., Quitman	Logger	
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, Bert, Quitman	Sawlogs Tie cuts	08 19 20 23
Griffin Brothers Lumber Co. Coolidge	Sawlogs	08
Hampton, Jeff, Quitman	Logger	
Hancock Lumber Company Quitman	Sawlogs	02 08 33
Harris, A. S. Box 396, Valdosta	Pulpwood timber	08
Hasty, Gordon L. Box 789, Thomasville	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Co. Box 552, Valdosta	Handle bolts	10 21
Jackson, Leroy, Quitman	Logger	
Johnson, Son, Quitman	Logger	
Kansinger, J. H., President and General Manager South Georgia Ry. Co. Perry, Florida	Hewn ties	02 08

BROOKS COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Poles Piles	08 19 08 08
Kimbrough, John Box 474, Valdosta	Pulpwood timber	08
Kirby-Evans Material Co. Thomasville	Sawlogs	08
Langdale Company, The, Valdosta	Piling timber Pole timber Pulpwood timber Fence posts Naval stores gum Poles	08 08 08 08 04 05 08
Lawton, D. W. 200 E. Crawford, Valdosta	Pole timber	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Maxwell Bros., Inc. Jasper, Florida	Package veneer blocks	08 19 20 22 30 33 35
Mitchell Brothers Lumber Co. Metcalf	Sawlogs	08
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Prinsho Veneer Co., Inc. Valdosta	Commercial veneer blocks	19 20 30 33
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Southern Plywoods Greenville, Florida	Commercial veneer timber	19 20 22 30 33 35
Stevens, Will, Quitman	Logger	
Talley Veneer Company, Adel	Dimension bolts Package veneer blocks	08 10 12 14 19 20 22 30 33 08 10 12 14 19 20 22 30 33

BROOKS COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Valdosta Plywoods, Inc. Valdosta	Commercial veneer blocks	19 20 22 29 30 33

COLQUITT COUNTY

Name and P. O. Address	Product Bought	Species
Bateman and Company, Camilla	Pulpwood	08
Bedsole, J. C. 112 S. Jefferson St., Albany	Pulpwood	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Castle, J. B., Stockton	Pulpwood timber	08
Coastal Plain Timber and Treating Company, Tifton	Fence posts Poles	08 08
Columbia Naval Stores Company Tifton	Naval stores gum	04 05
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Georgia Crate and Basket Co. Thomasville	Sawlogs Package veneer blocks	08 08 12 19 20 22 30 33 35
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Griffin Brothers Lumber Co. Coolidge	Sawlogs	08
Griffin, Joe L., Norman Park	Hewn tie timber Hewn ties	08 08
Hancock Lumber Company, Quitman	Sawlogs	02 08 33
Hasty, Gordon L. Box 789, Thomasville	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21

COLQUITT COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Keadle Brothers Co., Camilla	Sawlogs	08 33
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Piles Poles	08 19 08 08
Kirby-Evans Material Company Thomasville	Sawlogs	08
Lawton, D. W. 200 E. Crawford, Valdosta	Pole timber	08
Layson Lumber Company Box 735, Albany	Sawlogs	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
Minix Furniture Mfg. Company Moultrie	Commercial veneer blocks	30 33
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts Poles	08 08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Reynolds Brothers Lumber Co. Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Sasser, R. H. 530 Broad Avenue, Albany	Hewn tie timber Hewn ties	08 19 20 23 08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Sutton, Dr. J. M., Sylvester	Pulpwood	08
Talley Veneer Company, Adel	Dimension bolts Package veneer blocks	08 10 12 14 19 20 22 30 33 08 10 12 14 19 20 22 30 33

COLQUITT COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Tindel H. Box 406, Graceville, Florida	Pulpwood	08
Tindel Pulpwood Company Box 761, Albany	Pulpwood	08
Tyson Lumber Company, Camilla	Sawlogs	08
Tyson, W. M. Lumber Co., Inc. Cairo	Sawlogs	08 30 33 35
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

COOK COUNTY

Name and P. O. Address	Product Bought	Species
Augusta Hardwood Co., Augusta	Sawlogs	02 08 10 11 12 13 14 18 19 20 22 23 29 30 33
B. and T. Wood Preserving Co. Alapaha	Fence posts	08
Bateman, J. R., Homerville	Pulpwood timber Pulpwood	08 08
Bedsole, J. C. 112 S. Jefferson St., Albany	Pulpwood Logger	08
Boone, A. C., Adel	Logger	
Bray, J. N. Company, Valdosta	Sawlogs	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Carter, L. J., Adel	Logger	
Carter, Sam G., Adel	Logger	
Castle, J. B., Stockton	Pulpwood timber	08
Columbia Naval Stores Company Tifton	Naval stores gum	04 05
Coastal Plain Timber and Treating Company, Tifton	Fence posts Poles	08 08

COOK COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Cribbs, C. R. and L. M. Ray City	Hewn tie timber	02 08 19
DeLoach, R. S. Box 339, Valdosta	Sawlogs	08 30 33
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Guest, B. F., Ray City	Logger	
Harris, A. S. Box 396, Valdosta	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hinshaw, S. M., Inspector c/o Southern Ry. Baggage Agt. Valdosta	Hewn ties	02 08 23
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Kansinger, J. H., President and General Manager South Georgia Ry. Co. Perry, Florida	Hewn ties	02 08
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Piles Poles	08 19 08 08
Langdale Company, The, Valdosta	Piling timber Pole timber Pulpwood timber Fence posts Naval stores gum Poles	08 08 08 08 04 05 08
Lawton, D. W. 200 E. Crawford, Valdosta	Pole timber	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Mathis and Vining 1604 Slater Street, Valdosta	Hewn ties	08
Maxwell Bros., Inc. Jasper, Florida	Package veneer blocks	08 19 20 22 30 33 35
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08

COOK COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Prinsho Veneer Company, Inc. Valdosta	Commercial veneer blocks	19 20 30 33
Rowe, Homer, Alapaha	Pulpwood timber Pulpwood	08 08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Templeton, J. O., Sparks	Logger	
Tillman, J. J., Adel	Logger	
Vining, G. C., Alapaha	Hewn tie timber	08
Wade, J. L., Lenox	Logger	
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

CRISP COUNTY

Name and P. O. Address	Product Bought	Species
Bedsole, J. C. 112 S. Jefferson St., Albany	Pulpwood	08
Columbia Naval Stores Company Fitzgerald	Naval stores gum	04 05
Columbia Naval Stores Company Tifton	Naval stores gum	04 05
Cordele Sash, Door, & Lbr. Co. Cordele	Sawlogs	02 08

CRISP COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Dayton Veneer & Lumber Mills Americus (R. R. Station-Arles)	Package veneer timber	08 15 18 19 20 22 29 30 33 35
	Package veneer blocks	08 15 18 19 20 22 29 30 33 35
Glidden Company, The, Valdosta	Naval stores gum	04 05
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	Hewn ties	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hinshaw, S. M., Inspector c/o Southern Ry. Baggage Agt. Valdosta	Hewn ties	02 08 23
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Lewis, E. F., Cordele	Handle bolts	08
Melton, T. D., Albany	Pulpwood	08
McKay, L. A., Pitts	Hewn tie timber	08
Rogers, H. Ross and Son Cordele	Pole timber	08
	Poles	08
	Pulpwood	08 34
	Sawlogs	08 10 11 13 15 16 18 19 20 21 22 29 30 32 33
	Commercial veneer blocks	19 20 22 30 33 35
	Logger	
Smith, Tom B., Buyer Southern Wood Preserving Co. Box 126, Scotland	Poles	08
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

DECATUR COUNTY

Name and P. O. Address	Product Bought	Species
Bailey, D. L., Bainbridge	Logger	
Bateman and Company, Camilla	Pulpwood	08
Bennett, V. R., Bainbridge	Logger	
Benson, A. B., Bainbridge	Logger	
Burney, R. B., Bainbridge	Logger	
Clemons, E. L., Bainbridge	Logger	
Climax Lumber Company, Inc. Climax	Sawlogs	08 33
Comerford, E. E., Bainbridge	Logger	
Craft, G. J., Bainbridge	Logger	
Dove, J. S., Bainbridge	Logger	
Elberta Crate and Box Company Bainbridge	Package veneer timber Sawlogs Package veneer blocks	08 18 19 20 22 30 33 35 02 08 10 18 19 20 21 22 23 30 33 35 08 18 19 20 22 30 33 35
Estes, L. P., Bainbridge	Logger	
Forehand, Calvin, Bainbridge	Logger	
Gibson Paperwood Company, Inc. Box 711, Tallahassee, Florida	Pulpwood timber Pulpwood	08 34 08 34
Glidden Company, The, Valdosta	Naval stores gum	04 05
Gragg and Willis Lumber Co. Bainbridge	Sawlogs	08 10 30 33 35
Green, W. S., Camilla	Pole timber	08
Hasty, Gordon L. Box 789, Thomasville	Pulpwood timber	08
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	Hewn ties	08
Henderson, D. F. Havana, Florida	Logger	
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hickman and Sons, Bainbridge	Logger	

DECATUR COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Hiers, C. M., Bainbridge	Logger	
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Jester, Gordon, Bainbridge	Logger	
Jones Lumber Company Donalsonville	Sawlogs	02 08 33
Keadle Brothers Company Camilla	Sawlogs	08 33
Leary, Herbert Route 1, Tallahassee, Florida	Logger	
Leverett, W. J., Bainbridge	Logger	
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Long Brothers Lumber Company Bainbridge	Pulpwood timber Pulpwood	08 08
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
McElvey, Carl, Bainbridge	Logger	
McLeod Pulpwood Company Iron City	Pulpwood timber Pulpwood	08 08
Peake, George W. Eufaula, Alabama	Pulpwood	08
Peavey, M. D., Jr. Havana, Florida	Logger	
Phillips, J. F., Bainbridge	Logger	
Roland, Ernest Route 1, Tallahassee, Florida	Logger	
Shealey, D. W., Bainbridge	Logger	
Shelley, W. P. Box 882, Tallahassee, Florida	Hewn tie timber Hewn ties Logger	08 19 23 08 19 23
Simmons Brothers, Inc. Arlington	Package veneer timber Package veneer blocks	02 08 14 15 18 19 20 22 28 29 30 33 35 02 08 14 15 18 19 20 22 28 29 30 33 35

DECATUR COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Stephens, Abner, Bainbridge	Logger	
Tharp, J. W., River Junction	Hewn ties	08 19 20 23
Thompson, Harry, Bainbridge	Logger	
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Tyson, W. M. Lumber Co., Inc. Cairo	Sawlogs	08 30 33 35
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Watson, A. V., Bainbridge	Logger	
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34
Whittaker, C. G., Bainbridge	Logger	
Youmans, Gus, Donaldsonville	Sawlogs	02 08 11 15 18 19 20 22 23 29 30 33 35
Youmans, J. W., Donaldsonville	Fence posts	08
Zorn Brothers, Bainbridge	Logger	

DOOLY COUNTY

Name and P. O. Address	Product Bought	Species
C. and H. Veneer Company Hawkinsville	Package veneer blocks	08 19 20 22 29 30 33 35
Columbia Naval Stores Company Tifton	Naval stores gum	04 05
Cordele Sash, Door, & Lbr. Co. Cordele	Sawlogs	02 08
Dayton Veneer & Lumber Mills Americus (R. R. Station-Arles)	Package veneer timber Package veneer blocks	08 15 18 19 20 22 29 30 33 35 08 15 18 19 20 22 29 30 33 35

DOOLY COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Glidden Company, The, Valdosta	Naval stores gum	04 05
Hawkinsville Lumber Company Hawkinsville	Sawlogs	02 08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Rogers, H. Ross and Son Cordele	Pole timber	08
	Poles	08
	Pulpwood	08 34
	Sawlogs	08 10 11 13 15 16 18 19 20 21 22 29 30 32 33
	Commercial veneer blocks	19 20 22 30 33 35
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Toney, P. E., Americus	Pulpwood	08

EARLY COUNTY

Name and P. O. Address	Product Bought	Species
Albany Northern Railway Co. Albany	Hewn ties	02
Chitty, M. C., Supervisor Central of Georgia Ry. Co. Albany	Hewn ties	02 08
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Cruel, Eugene, Bluffton	Logger	
Damascus Lumber Company Damascus	Sawlogs	02 08
Dancer, Mrs. W. R., Colquitt	Pulpwood	08
Edison Veneer Company, Edison	Package veneer timber	15 18 19 20 22 29 30 33 35
	Package veneer blocks	15 18 19 20 22 29 30 33 35

EARLY COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Hartley Handle Company Blakely	Handle bolts	21
Hasty, J. B., Blakely	Logger	
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	Hewn ties	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hightower Lumber Company Blakely	Sawlogs	01 02 08 10 19 20 26 33
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Jacobs, Robert, Arlington	Logger	
J. and J. Veneer Company Cuthbert	Package veneer blocks	13 15 18 19 20 22 29 30 33
Jones Lumber Company Donalsonville	Sawlogs	02 08 33
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
Moore, Carl, Blakely	Logger	
McDowell, W. E., Damascus	Logger	
McLeod Pulpwood Company Iron City	Pulpwood timber Pulpwood	08 08
Peake, George W. Eufaula, Alabama	Pulpwood	08
Ross, Claude, Arlington	Logger	
Sanders Lumber Company Arlington	Sawlogs	02 08
Simmons Brothers, Inc. Arlington	Package veneer timber	02 08 14 15 18 19 20 22 28 29 30 33 35
	Package veneer blocks	02 08 14 15 18 19 20 22 28 29 30 33 35

EARLY COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Toney, P. E., Americus	Pulpwood	08
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34
Youmans, Gus, Donalsonville	Sawlogs	02 08 11 15 18 19 20 22 23 29 30 33 35

GRADY COUNTY

Name and P. O. Address	Product Bought	Species
Alexander-Harris Company Pelham	Commercial veneer blocks	30 33 35
Bateman and Company, Camilla	Pulpwood	08
Bryant, Arthur, Cairo	Logger	
Climax Lumber Company, Inc. Climax	Sawlogs	08 33
Crew, Jesse, Cairo	Logger	
Crew, L. W., Route 3, Cairo	Logger	
Elberta Crate and Box Company Bainbridge	Package veneer timber Sawlogs Package veneer blocks	08 18 19 20 22 30 33 35 02 08 10 18 19 20 21 22 23 30 33 35 08 18 19 20 22 30 33 35
Fulford, C. G., Cairo	Logger	
Gannie, Horace, Cairo	Logger	

GRADY COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Georgia Crate and Basket Co. Thomasville	Sawlogs Package veneer blocks	08 08 12 19 20 22 30 33 35
Gibson Paperwood Company, Inc. Box 711, Tallahassee, Florida	Pulpwood timber Pulpwood	08 34 08 34
Glidden Company, The, Valdosta	Naval stores gum	04 05
Gragg and Willis Lumber Co. Bainbridge	Sawlogs	08 10 30 33 35
Green, W. S., Camilla	Pole timber	08
Griffin Brothers Lumber Co. Coolidge	Sawlogs	08
Harrell, J. D., Route 1, Cairo	Logger	
Hasty, Gordon L. Box 789, Thomasville	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Ireland, J. L., Box 33, Whigham	Logger	
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Keadle Brothers Company Camilla	Sawlogs	08 33
Kirby-Evans Material Co. Thomasville	Sawlogs	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Long Brothers Lumber Company Bainbridge	Pulpwood timber Pulpwood	08 08
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
Miller, Perry, Cairo	Logger	
Miller, W. P., Route 1, Cairo	Logger	
Mitchell Brothers Lumber Co. Metcalf	Sawlogs	08
Sellers, A. C., Cairo	Logger	
Shelley, W. P. Box 882, Tallahassee, Florida	Hewn tie timber Hewn ties	08 19 23 08 19 23
Shoemaker Lumber Company Whigham	Sawlogs	08

GRADY COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Shoemaker, J. S., Whigham	Logger	
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Tyson Lumber Company, Camilla	Sawlogs	08
Tyson, W. M. Lumber Co., Inc. Cairo	Sawlogs	08 30 33 35
Walden, Gwin W., Route 3, Cairo	Logger	
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34

IRWIN COUNTY

Name and P. O. Address	Product Bought	Species
B. & T. Wood Preserving Co. Alapaha	Fence posts	08
Brewer, J. E., Jr. 412 S. Lee, Fitzgerald	Hewn ties	08 19
Coastal Plain Timber and Treating Company, Tifton	Fence posts Poles	08 08
Columbia Naval Stores Co. Fitzgerald	Naval stores gum	04 05
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Day, J. Y., Ambrose	Sawlogs	08
Douglas, R. G., Area Manager Brunswick Pulp & Paper Co. Nicholls	Pulpwood timber Pulpwood	08 23 34 08 23 34
Filtered Rosin Products, Inc. Douglas	Naval stores gum	04 05

IRWIN COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Glidden Company, The, Valdosta	Naval stores gum	04 05
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Land, Roy, Box 123, Albany	Pulpwood	08
Ledbetter Lbr. Co., Willacoochee	Sawlogs	02 08 19 20 30 33
Love, John, Route 4, Fitzgerald	Hewn ties	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05
Rowe, J. C., Tifton	Pole timber	08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

LANIER COUNTY

Name and P. O. Address	Product Bought	Species
B. and T. Wood Preserving Co. Alapaha	Fence posts	08
Bateman, J. R., Homerville	Pulpwood timber Pulpwood	08 08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Castle, J. B., Stockton	Pulpwood timber	08
Cole, Leroy, Lakeland	Logger	

LANIER COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Cribbs, C. R. and L. M. Ray City	Hewn tie timber	02 08 19
DeLoach, R. S. Box 339, Valdosta	Sawlogs	08 30 33
Georgia Lumber and Supply Co. Valdosta	Sawlogs	08 33
Glidden Company, The, Valdosta	Naval stores gum	04 05
Griffin, M. L., General Manager Lakeland Railway, Lakeland	Hewn ties	02
Harris, A. S. Box 396, Valdosta	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Johnson, John Henry Route 4, Nashville	Hewn tie timber	08
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Piles Poles	08 19 08 08
Kimbrough, John Box 474, Valdosta	Pulpwood timber	08
Langdale Company, The, Valdosta	Piling timber Pole timber Pulpwood timber Fence posts Naval stores gum Poles	08 08 08 08 04 05 08
Lawton, B. W. 200 E. Crawford, Valdosta	Pole timber	08
Little Suwannee Lbr. Co. Homerville	Sawlogs	02 08
Mathis and Vining 1604 Slater Street, Valdosta	Hewn ties	08
Maxwell Bros., Inc. Jasper, Florida	Package veneer blocks	08 19 20 22 30 33 35
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23

LANIER COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Prinsho Veneer Company, Inc. Valdosta	Commercial veneer blocks	19 20 30 33
Rowe, Homer, Alapaha	Pulpwood timber Pulpwood	08 08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Star Naval Stores Co. Homerville	Naval stores gum	04 05
Studstill, J. F., Lakeland	Logger	
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Tomlinson, B. J., Lakeland	Hewn ties	02 08 19 23
Valdosta Plywoods, Inc. Valdosta	Commercial veneer blocks	19 20 22 29 30 33

LOWNDES COUNTY

Name and P. O. Address	Product Bought	Species
Bateman, J. R., Homerville	Pulpwood timber Pulpwood	08 08
Bray, J. N. Company, Valdosta	Sawlogs	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Castle, J. B., Stockton	Pulpwood timber	08
Columbia Lumber Company Lake Park	Sawlogs	08
Crawford, M. T., Route 3, Valdosta	Logger	
Cribbs, C. R. and L. M. Ray City	Hewn tie timber	02 08 19
DeLoach, R. S. Box 339, Valdosta	Sawlogs	08 30 33

LOWNDES COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
George, C. J., Valdosta	Logger	
Georgia Lumber and Supply Co. Valdosta	Sawlogs	08 33
Gibson Paperwood Co., Inc. Box 711, Tallahassee, Florida	Pulpwood timber Pulpwood	08 34 08 34
Glidden Company, The, Valdosta	Naval stores gum	04 05
Hancock Lumber Company Quitman	Sawlogs	02 08 33
Harris, A. S. Box 396, Valdosta	Pulpwood timber Logger	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Herndon, Willie Route 2, Lake Park	Logger	
Hinshaw, S. M., Inspector c/o Southern Ry. Baggage Agt. Valdosta	Hewn ties	02 08 23
Hougen, L. H., Route 1, Valdosta	Logger	
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Jessup, W. L., Sr., Eastman	Hewn ties	08 19 20 23
Johnson, Sam Bemis Road, Valdosta	Logger	
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Piles Poles	08 19 08 08
Kimbrough, John Box 474, Valdosta	Pulpwood timber	08
Langdale Company, The, Valdosta	Piling timber Pole timber Pulpwood timber Fence posts Naval stores gum Poles	08 08 08 08 04 05 08
Lawton, D. W. 200 E. Crawford, Valdosta	Pole timber	08
Mathis and Vining 1604 Slater Street, Valdosta	Hewn ties	08

LOWNDES COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Maxwell Bros., Inc. Jasper, Florida	Package veneer blocks	08 19 20 22 30 33 35
May, G. W., Supervisor Georgia & Florida Railroad Nashville	Hewn ties	02
Mayne, Henry O. 207 Holiday Street, Valdosta	Logger	
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Prinsho Veneer Company, Inc. Valdosta	Commercial veneer blocks	19 20 30 33
Rykard, G. E. W. Magnolia Street, Valdosta	Logger	
St. Regis Paper Co., Fargo	Sawlogs	08
Selph, Jack and George 711 River Street, Valdosta	Logger	
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Southall, J. T. 104 Briggs Street, Valdosta	Logger	
Strayhorn, J. T. Route 3, Valdosta	Logger	
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Thomas, W. M. 405 E. Central Avenue, Valdosta	Logger	
Thomas, Z. B. Box 136, Valdosta	Logger	
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08

LOWNDES COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Tyler, A. T., Hahira	Logger	
Valdosta Plywoods, Inc. Valdosta	Commercial veneer blocks	19 20 22 29 30 33
Vickery, S. M. Pendleton Avenue, Valdosta	Logger	
White, J. C., Clyattville	Logger	

MILLER COUNTY

Name and P. O. Address	Product Bought	Species
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Damascus Lumber Co., Damascus	Sawlogs	02 08
Dancer, Mrs. W. R., Colquitt	Pulpwood	08
Elberta Crate and Box Company Bainbridge	Package veneer timber Sawlogs Package veneer blocks	08 18 19 20 22 30 33 35 02 08 10 18 19 20 21 22 23 30 33 35 08 18 19 20 22 30 33 35
Glidden Company, The, Valdosta	Naval stores gum	04 05
Gragg and Willis Lumber Co. Bainbridge	Sawlogs	08 10 30 33 35
Green, W. S., Camilla	Pole timber	08
Hartley Handle Company Blakely	Handle bolts	21
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	Hewn ties	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hightower Lumber Company Blakely	Sawlogs	01 02 08 10 19 20 26 33
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Jones Lumber Company Donalsonville	Sawlogs	02 08 33

MILLER COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
McLeod Pulpwood Company Iron City	Pulpwood timber Pulpwood	08 08
Peake, George W. Eufaula, Alabama	Pulpwood	08
Simmons Brothers, Inc. Arlington	Package veneer timber Package veneer blocks	02 08 14 15 18 19 20 22 28 29 30 33 35 02 08 14 15 18 19 20 22 28 29 30 33 35
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Toney, P. E., Americus	Pulpwood	08
Tyson, W. M. Lumber Co., Inc. Cairo	Sawlogs	08 30 33 35
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34
Youmans, Gus, Donalsonville	Sawlogs	02 08 11 15 18 19 20 22 23 29 30 33 35
Youmans, J. W., Donalsonville	Fence posts	08

MITCHELL COUNTY

Name and P. O. Address	Product Bought	Species
Albany Northern Railway Co. Albany	Hewn ties	02
Alexander-Harris Company Pelham	Commercial veneer blocks	30 33 35
Bateman and Company, Camilla	Pulpwood	08
Brooks, Loris B., Camilla	Logger	
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Climax Lumber Company, Inc. Climax	Sawlogs	08 33
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Gainous, H. E., Pelham	Logger	
Georgia Crate and Basket Co. Thomasville	Sawlogs Package veneer blocks	08 08 12 19 20 22 30 33 35
Glidden Company, The, Valdosta	Naval stores gum	04 05
Gragg and Willis Lumber Co. Bainbridge	Sawlogs	08 10 30 33 35
Green, W. S., Camilla	Pole timber	08
Griffin Brothers Lumber Co. Coolidge	Sawlogs	08
Hasty, Gordon L. Box 789, Thomasville	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Keadle Brothers Company Camilla	Sawlogs	08 33
Kirby-Evans Material Co. Thomasville	Sawlogs	08
Land, Roy, Box 123, Albany	Pulpwood	08
Layson Lumber Company Box 735, Albany	Sawlogs	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08

MITCHELL COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Maxwell, Fred, Pelham	Logger	
Medgentra Ltd., Bainbridge	Dimension bolts	10 21
	Shuttle bolts	17 28
Minix Furniture Mfg. Company Moultrie	Commercial veneer blocks	30 33
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08
Pritchart, A. J., Pelham	Logger	
Reynolds Brothers Lumber Co. Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Simmons Brothers, Inc. Arlington	Package veneer timber	02 08 14 15 18 19 20 22 28 29 30 33 35
	Package veneer blocks	02 08 14 15 18 19 20 22 28 29 30 33 35
Southland Timber Corp. Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Sutton, Dr. J. M., Sylvester	Pulpwood	08
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Tripp, J. W., Camilla	Logger	
Tyson Lumber Company, Camilla	Sawlogs	08
Tyson, W. M. Lumber Co., Inc. Cairo	Sawlogs	08 30 33 35
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Wells, R. E. Box 241, Bainbridge	Pulpwood timber	08
	Pulpwood	08 34

SEMINOLE COUNTY

Name and P. O. Address	Product Bought	Species
Elberta Crate and Box Company Bainbridge	Package veneer timber Sawlogs Package veneer blocks	08 18 19 20 22 30 33 35 02 08 10 18 19 20 21 22 23 30 33 35 08 18 19 20 22 30 33 35
Gibson Paperwood Co., Inc. Box 711, Tallahassee, Florida	Pulpwood timber Pulpwood	08 34 08 34
Glidden Company, The, Valdosta	Naval stores gum	04 05
Gragg and Willis Lumber Co. Bainbridge	Sawlogs	08 10 30 33 35
Green, W. S., Camilla	Pole timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Johnson, E. M., Donalsonville	Logger	
Jones Lumber Company Donalsonville	Sawlogs	02 08 33
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
McLeod Pulpwood Company Iron City	Pulpwood timber Pulpwood	08 08
Simmons Brothers, Inc. Arlington	Package veneer timber Package veneer blocks	02 08 14 15 18 19 20 22 28 29 30 33 35 02 08 14 15 18 19 20 22 28 29 30 33 35
Southland Timber Corp. Box 1063, Albany	Pulpwood	08 34
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34
Youmans, Gus, Donalsonville	Sawlogs Logger	02 08 11 15 18 19 20 22 23 29 30 33 35

SEMINOLE COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Youmans, J. W., Donalsonville	Fence posts	08

THOMAS COUNTY

Name and P. O. Address	Product Bought	Species
Baker, C. C., Coolidge	Logger	
Bateman and Company, Camilla	Pulpwood	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Butler, M. C., Thomasville	Logger	
Butler, R. V., Thomasville	Logger	
Florida Veneer and Lbr. Co. Monticello, Florida	Commercial veneer blocks	02 08 19 20 22 30 33 35
Georgia Crate and Basket Co. Thomasville	Sawlogs Package veneer blocks	08 08 12 19 20 22 30 33 35
Gibson Paperwood Co., Inc. Box 711, Tallahassee, Florida	Pulpwood timber Pulpwood	08 34 08 34
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Griffin Brothers Lumber Co. Coolidge	Sawlogs	08
Hancock Lumber Company, Quitman	Sawlogs	02 08 33
Harris, J. H. Box 611, Thomasville	Logger	
Hart, Hubert, Pavo	Logger	
Hasty, Gordon L. Box 789, Thomasville	Pulpwood timber	08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Herring, George, Thomasville	Logger	
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Keadle Brothers Company Camilla	Sawlogs	08 33

THOMAS COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Kirby-Evans Material Co. Thomasville	Sawlogs	08
Kimbrough, John Box 474, Valdosta	Pulpwood timber	08
Lawton, D. W. 200 E. Crawford, Valdosta	Pole timber	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
Medgentra Ltd., Bainbridge	Dimension bolts Shuttle bolts	10 21 17 28
Minix Furniture Mfg. Company Moultrie	Commercial veneer blocks	30 33
Mitchell Brothers Lumber Co. Metcalf	Sawlogs	08
Moultrie Wood Preserving Co. Box 502, Moultrie	Fence posts	08
Murkerson, Earl, Thomasville	Logger	
Musgrove, Frank, Thomasville	Logger	
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Peck and O'Hara, Inc. Box 602, Valdosta	Pulpwood timber	08
Shelley, W. P. Box 882, Tallahassee, Florida	Hewn tie timber Hewn ties	08 19 23 08 19 23
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Smith, W. G., Thomasville	Logger	
Southland Timber Corp. Box 1063, Albany	Pulpwood	08 34
Talley Veneer Company, Adel	Dimension bolts Package veneer blocks	08 10 12 14 19 20 22 30 33 08 10 12 14 19 20 22 30 33
Tindel, H. Box 406, Graceville, Florida	Pulpwood	08
Tyson, W. M. Lumber Co., Inc. Cairo	Sawlogs	08 30 33 35

THOMAS COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Wells, R. E. Box 241, Bainbridge	Pulpwood timber Pulpwood	08 08 34
Whitfield, W. A., Thomasville	Logger	

TIFT COUNTY

Name and P. O. Address	Product Bought	Species
B. and T. Wood Preserving Co. Alapaha	Fence posts	08
Bedsole, J. C. 112 S. Jefferson St., Albany	Pulpwood	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Castle, J. B., Stockton	Pulpwood timber	08
Coastal Plain Timber and Treating Company, Tifton	Fence posts Poles	08 08
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Griffin, Joe L., Norman Park	Hewn tie timber Hewn ties	08 08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hinshaw, S. M., Inspector c/o Southern Ry. Baggage Agt. Valdosta	Hewn ties	02 08 23
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Land, Roy, Box 123, Albany	Pulpwood	08
Ledbetter Lbr. Co., Willacoochee	Sawlogs	02 08 19 20 30 33

TIFT COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Maxwell Bros., Inc. Jasper, Florida	Package veneer blocks	08 19 20 22 30 33 35
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05
Rowe, Homer, Alapaha	Pulpwood timber Pulpwood	08 08
Rowe, J. C., Tifton	Pole timber	08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Shiver, Warren, Tifton	Logger	
Southland Timber Corp. Box 1063. Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Sutton, Dr. J. M., Sylvester	Pulpwood	08
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Tillery, L. H., Omega	Logger	
Tindel Pulpwood Company Box 761, Albany	Pulpwood	08
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

TURNER COUNTY

Name and P. O. Address	Product Bought	Species
Bedsole, J. C. 112 S. Jefferson St., Albany	Pulpwood	08
Coastal Plain Timber and Treating Company, Tifton	Fence posts Poles	08 08

TURNER COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Columbia Naval Stores Co. Fitzgerald	Naval stores gum	04 05
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Cordele Sash, Door, & Lbr. Co. Cordele	Sawlogs	02 08
Glidden Company, The, Valdosta	Naval stores gum	04 05
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Hinshaw, S. M., Inspector c/o Southern Ry. Baggage Agt. Valdosta	Hewn ties	02 08 23
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Land, Roy, Box 123, Albany	Pulpwood	08
Melton, T. D., Albany	Pulpwood	08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
McKay, L. A., Pitts	Hewn tie timber	08
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05
Reynolds Brothers Lumber Co. Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Rogers, H. Ross and Son Cordele	Pole timber Poles Pulpwood Sawlogs Commercial veneer blocks	08 08 08 34 08 10 11 13 15 16 18 19 20 21 22 29 30 32 33 19 20 22 30 33 35
Southland Timber Corp. Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19

TURNER COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Sutton, Dr. J. M., Sylvester	Pulpwood	08
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

WILCOX COUNTY

Name and P. O. Address	Product Bought	Species
C. and H. Veneer Company Hawkinsville	Package veneer blocks	08 19 20 22 29 30 33 35
Columbia Naval Stores Co. Fitzgerald	Naval stores gum	04 05
Columbia Naval Stores Co. Hazlehurst	Naval stores gum	04 05
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Cook and Co., Hazlehurst	Pulpwood timber Pulpwood	08 08
Cordele Sash, Door, & Lbr. Co. Cordele	Sawlogs	02 08
Douglas, R. G., Area Manager Brunswick Pulp & Paper Co. Nicholls	Pulpwood timber Pulpwood	08 23 34 08 23 34
Glidden Company, The, Valdosta	Naval stores gum	04 05
Graham, J. W., Rochelle	Pulpwood timber	08
Hawkinsville Lumber Company Hawkinsville	Sawlogs	02 08
Haynes, W. B., Inspector Seaboard Air Line Railroad Co. 409 South Main Street Fitzgerald	Hewn ties	08
Hercules Powder Co., Brunswick	Naval stores gum	04 05

WILCOX COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Houston Mfg. Co., Abbeville	Sawlogs	08
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Lewis, E. F., Cordele	Handle bolts	08
Melton, T. D., Albany	Pulpwood	08
McKay, L. A., Pitts	Hewn tie timber	08
McRae Processing-Supply Co. McRae	Naval stores gum	04 05
Peninsular-Lurton Company Helena	Naval stores gum	04 05
Rogers, H. Ross and Son Cordele	Pole timber	08
	Poles	08
	Pulpwood	08 34
	Sawlogs	08 10 11 13 15 16 18 19 20 21 22 29 30 32 33
	Commercial veneer blocks	19 20 22 30 33 35
Smith, Tom B., Buyer Southern Wood Preserving Co. Box 126, Scotland	Poles	08
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Telfair Tie Company, McRae	Hewn ties	08 19 20 23
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

WORTH COUNTY

Name and P. O. Address	Product Bought	Species
Albany Northern Railway Co. Albany	Hewn ties	02

WORTH COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Bateman and Company, Camilla	Pulpwood	08
Bedsole, J. C. 112 S. Jefferson St., Albany	Pulpwood	08
Brown, Lindsay W., Area Manager Brunswick Pulp & Paper Co. 300 Pineview Drive, Waycross	Pulpwood timber Pulpwood	08 23 34 08 23 34
Coastal Plain Timber and Treating Company, Tifton	Fence posts Poles	08 08
Columbia Naval Stores Co. Tifton	Naval stores gum	04 05
Connor Brothers Lumber Company Tifton	Sawlogs	02 08 33
Glidden Company, The, Valdosta	Naval stores gum	04 05
Green, W. S., Camilla	Pole timber	08
Griffin, Joe L., Norman Park	Hewn tie timber Hewn ties	08 08
Hercules Powder Co., Brunswick	Naval stores stumps	04 05
Jackson, E. W. Company Box 552, Valdosta	Handle bolts	10 21
Keadle Brothers Company Camilla	Sawlogs	08 33
Kent, Allen J., Buyer Atlantic Creosoting Co. Adel	Hewn ties Piles Poles	08 19 08 08
Land, Roy, Box 123, Albany	Pulpwood	08
Layson Lumber Company Box 735, Albany	Sawlogs	08
Lewis Wood Preserving Company Camilla	Pole timber Poles	08 08
McLane-Frost Tie Company Valdosta	Hewn tie timber Hewn ties	02 08 23 02 08 23
Pearson Gum Processing Co. Pearson	Naval stores gum	04 05
Reynolds Brothers Lumber Co. Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35

WORTH COUNTY (Continued)

Name and P. O. Address	Product Bought	Species
Rogers, H. Ross and Son Cordele	Pole timber	08
	Poles	08
	Pulpwood	08 34
	Sawlogs	08 10 11 13 15 16 18 19 20 21 22 29 30 32 33
	Commercial veneer blocks	19 20 22 30 33 35
Sasser, R. H. 530 Broad Avenue, Albany	Hewn tie timber	08 19 20 23
	Hewn ties	08
Shelton Naval Stores Processing Company, Valdosta	Naval stores gum	04 05
Southland Timber Corporation Box 1063, Albany	Pulpwood	08 34
Stowell-MacGregor Corporation c/o Clark Thread Co., Albany	Dimension bolts	19
Sutton, Dr. J. M., Sylvester	Pulpwood	08
Talley Veneer Company, Adel	Dimension bolts	08 10 12 14 19 20 22 30 33
	Package veneer blocks	08 10 12 14 19 20 22 30 33
Tindel Pulpwood Company Box 761, Albany	Pulpwood	08
Watkins Lumber Company, Albany	Sawlogs	01 02 08 10 12 13 18 19 20 21 22 23 29 30 33 35
Welch, L. A., Poulan	Logger	

APPENDIX

SPECIFICATIONS FOR SOUTHERN PINE POLES

(Adapted from "American Standard Specifications and Dimensions for Wood Poles," American Standards Association, 05.1-1948).

These specifications cover southern pine poles which are to be given a preservative treatment. Poles are to be classified in accordance with the tables of dimensions.

The length and class of poles wanted shall be stated in the orders.

Complete detailed instructions shall be given the supplier in all cases where modifications are to be made in these specifications to meet special requirements.

MATERIAL REQUIREMENTS

Species

All poles shall be cut from live southern pine timber, Longleaf Pine (Pinus palustris), Shortleaf Pine (Pinus echinata), Loblolly Pine (Pinus taeda), Slash Pine (Pinus caribaea), and Pond Pine (Pinus rigida serotina).

Prohibited Defects

Cross-breaks (cracks). Bird holes. Plugged holes, except increment borer holes. Hollow butts or tops, except as permitted under "Hollow pith centers" and "Defective butts." Marine borer damage. Splits or through-checks in the top. Decay, except as permitted under "Firm red heart," "Dead knots," and "Defective butts." Nails, spikes, and other metal not specifically authorized by the purchaser.

Permitted Defects

Sap stain.--Sap stain that is not accompanied by softening or other disintegration (decay) of the wood is permitted.

Firm red heart.--Firm red heart not accompanied by softening or other disintegration (decay) of the wood is permitted.

Spiral grain.--Spiral grain (twist grain) is permitted as follows:

Length of pole	Maximum twist of grain permitted
30 feet and shorter	1 complete twist in any 10 feet
35 to 45 feet	1 complete twist in any 16 feet
50 feet and longer	1 complete twist in any 20 feet

Hollow pith centers.--Hollow pith centers in the tops or butts and in knots are permitted in poles that are to be given full-length treatment.

Limited Defects

Checks and splits in butts.--Through-checks or splits in the butt surface are permitted, provided that their height from the butt along the side surface does not exceed 2 feet.

Shakes.--Shakes in the butt surface extending through an arc of not more than 90 degrees are permitted. Shakes extending through an arc of more than 90 degrees are permitted when they are inside of a circle the center of which corresponds to the center of the butt surface and the diameter of which is not greater than one-half the average butt diameter.

Shakes in the top surface are permitted in poles that are to be given full-length treatment provided that the width of the shake does not exceed 1/16-inch and provided that the diameter of the shake is not greater than one-half the diameter of the top of the pole.

Insect damage.--Insect damage consisting of holes 1/16-inch or less in diameter, or surface scoring or channeling are permitted. All other forms of insect damage are prohibited.

Knots.--The diameter of any single knot or the sum of the diameters of all knots in any 1-foot section shall not exceed the limits set up in the following table. Knots $\frac{1}{2}$-inch or less in diameter shall be ignored in applying the limitations for the sum of diameters.

Maximum sizes of knots permitted

Length of pole	Diameter of any single knot		Sum of diameters of all knots in any 1-foot section
	Class 1 - 3	Class 4 - 10	All classes
	Inches	Inches	Inches
45 feet or less	4	3	8
50 feet or more	5	5	10

Dead knots.--Decay is permitted in knots provided it is not associated with heart rot.

Scars.--No pole shall have a scar or turpentine face located within 2 feet of the ground line. Turpentine scars need be trimmed only to the extent necessary to examine for evidence of fungus infection and insect damage. Other sound scars are permitted elsewhere

on the pole surface, provided they are smoothly trimmed and do not interfere with the placing of cross arms or other fittings, and provided:

(a) That the circumference at any point on trimmed surfaces located between the butt and 2 feet below the ground line is not less than the minimum circumference specified at 6 feet from the butt for the class and length of the pole.

(b) That the depth of the trimmed scar is not more than 2 inches if the diameter of the pole is 10 inches or less, or one-fifth of the pole diameter at the location of the scar if such diameter is more than 10 inches.

Dead streaks.--Sound dead streaks not wider than one-fourth of the circumference of the pole at the point of measurement are permitted.

Compression wood.--The outer one inch of all poles shall be free from compression wood.

Defective butts.--Hollowing in the butt caused by "splinter pulling" in felling the tree is permitted, provided that the area of such a hollow is less than 10 percent of the butt area.

Shape.--Poles shall be free from short crooks. See diagrams on last page.

A pole may have sweep subject to the following limitations:

(a) Where sweep is in one plane and one direction only, a straight line joining the surface of the pole at the ground line and the edge of the pole at the top shall not be distant from the surface of the pole at any point by an amount greater than 1 inch for each 6 feet of length between these points.

(b) Where sweep is in two planes (double sweep) or in two directions in one plane (reverse sweep), a straight line connecting the mid-point at the ground line with the mid-point at the top shall not at any intermediate point pass through the external surface of the pole.

DIMENSIONS

Length

Poles less than 50 feet in length shall not be more than 3 inches shorter or 6 inches longer than nominal length. Poles 50 feet or over in length shall not be more than 6 inches shorter or 12 inches longer than nominal length.

Length shall be measured between the extreme ends of the pole.

Circumference

The minimum circumferences and corresponding diameters at 6 feet from the butt (except for Classes 8, 9, and 10) and at the top for each length and class of pole are listed in the tables of dimensions. The circumference at 6 feet from the butt of poles in Classes 1 to 7 inclusive, shall be not more than 7 inches larger than the specified minimum.

The top dimensional requirement shall apply at a point corresponding to the minimum length permitted for the pole.

Classification

The true circumference class shall be determined as follows: Measure the circumference at 6 feet from the butt. This dimension will determine the true class of the pole, provided that its top (measured at the minimum length point) is large enough. Otherwise, the circumference at the top will determine the true class, provided that the circumference at 6 feet from the butt does not exceed the specified minimum by more than 7 inches.

MANUFACTURING REQUIREMENTS

Bark Removal

Outer bark shall be completely removed from all poles.

On all poles no patch of inner bark more than 1 inch wide shall be left on the pole surface between the butt and 2 feet below the ground line.

On poles that are to be full-length treated, no patch of inner bark larger than 1 inch wide and 6 inches long shall be left on the pole surface between the top and 2 feet below the ground line.

On poles that are to be butt-treated, no patch of inner bark larger than 1 inch wide and 6 inches long shall be left on the pole surface between points 1 foot above and 2 feet below the ground line.

Sawing

All poles shall be neatly sawed at the top (unless otherwise ordered) and at the butt along a plane which shall not be out of square with the axis of the pole by more than 2 inches per foot of diameter of the sawed surface. Beveling at the edge of the sawed butt surface not more than one-twelfth of the butt diameter in width, or an equivalent area unsymmetrically located, is permitted.

Trimming

Completely overgrown knots rising more than 1 inch above the pole surface, branch stubs, and partially overgrown knots, shall be trimmed close. Completely overgrown knots less than 1 inch high need not be trimmed. Trimming may be done by shaving machine or by hand.

STORAGE AND HANDLING

Storage

When it is necessary for any reason to hold poles in storage, they shall be stacked on treated skids of such dimensions and so arranged as to support the poles without producing noticeable distortion of any of them. Poles shall be piled in such a manner as to permit free circulation of air, and they shall be supported at all points at least 1 foot above the general ground level or any vegetation growing thereon. No decayed or decaying wood shall be permitted to remain underneath stored poles.

Handling

Pole tongs, cant hooks, or other tools shall not be applied to the ground line section of any pole.

DEFINITION OF TERMS

The following definitions shall apply in these specifications:

Check.--A check is a separation of the wood along the grain, the greater part of which occurs across the rings of annual growth. A through-check extends from surface to surface of the pole, usually through the pith center.

Compression wood.--Compression wood is abnormal wood that often forms on the lower side of branches and inclined trunks of coniferous trees. Compression wood is (a) characterized by relatively wide annual rings, usually eccentric; (b) has a relatively high proportion of summerwood (frequently more than 50 percent of the width of the annual rings in which it occurs); (c) exhibits but little contrast in color between springwood and summerwood, and (d) shrinks excessively lengthwise as compared with normal wood.

Cross-break (crack).--A cross-break is a separation of the wood cells across the grain. Such breaks may be due to internal strains resulting from unequal longitudinal shrinkage or to external forces.

Dead knot.--A dead knot is a knot left by a branch that died before the tree was cut. An encased knot is a dead knot in which the

growth layers are not intergrown with those of the surrounding wood. Dead knots may contain soft fibers (decay) that usually do not extend deeper than an inch or two from the pole surface. They are distinct from rotten or decayed knots in which the loose or soft fibers (decay) may extend the full length of the knot into the pole, and which are frequently associated with heart rot.

Dead streak.--A dead streak is any portion of the sapwood in which the life processes had ended prior to the cutting of the tree. A dead streak starts from the butt and differs from a wound, such as a cat face or scar, where the growth of new wood shows that life processes are still acting to repair the injured part.

Decay.--Decay is the disintegration of wood substance due to the action of wood-destroying fungi. Rot and dote mean the same as decay.

Face of pole.--The face of a pole is the concave side, or the side of greatest curvature in poles having reverse or double sweep, between the ground line and top.

Ground-line section.--The ground-line section is that portion of a pole between 1 foot above and 2 feet below the ground line as defined in the pole dimension tables.

Hollow heart.--A hollow heart is a hollow in the heartwood of a living tree caused by insects or fungi.

Hollow pith center.--A hollow pith center is a small hole at the center of the trunk, or of a knot, caused by disintegration of the pith (small soft core occurring in the structural center of a tree or branch).

Insect damage.--Insect damage is the result of boring in the pole by insects or insect larvae. Scoring or channeling of the pole surface is not classed as insect damage.

Knot diameter.--A knot diameter is the diameter of a knot on the surface of the pole measured in a direction at right angles to the lengthwise axis of the pole.

Red heart.--Red heart is caused by a fungus, Fomes pini, that occurs in the living tree. It is characterized in the early stages of infection by a reddish or brownish color in the heartwood. This is known as "firm red heart." Later the wood, in the case of the living tree, disintegrates (decays) in small, usually distinct areas that develop into white-line pockets.

Sap stain.--Sap stain is a discoloration of the sapwood caused by the action of certain molds and fungi that is not accompanied by softening or disintegration of the wood.

Scar (cat face).--A scar is a depression in the surface of the pole resulting from a wound where healing has not re-established the normal cross-section of the pole.

Shake.--A shake is a separation along the grain, the greater part of which occurs between the rings of annual growth.

Short crook.--A short crook is a localized deviation from straightness which, within any section 5 feet or less in length, is more than one-half the mean diameter of the crooked section. See diagrams on last page.

Spiral grain (twist grain).--Spiral grain is a type of growth in which the fibers take a spiral course about the bole of a tree instead of the normal vertical course. The spiral may extend right-handed or left-handed around the tree trunk. The amount of spiral grain in a pole is measured as the distance in feet along the axis of the pole in which one complete twist of the spiral occurs, and is expressed as for example, 1 in 10.

Split.--A split is a lengthwise separation of the wood due to the tearing apart of the wood cells, extending from surface to surface of the pole.

Sweep.--Sweep is the deviation of a pole from straightness. See diagrams on last page.

Dimensions of southern pine poles
(Fiber stress 7,400 pounds per square inch)

Class		1	2	3	4	5	6	7	8	9	10
Minimum circumference at top (Inches)		27	25	23	21	19	17	15	18	15	12
Length of pole	Distance butt to ground line 1/	Minimum circumference at 6 feet from butt									
Feet	Feet	Inches	Inches	Inches	Inches	Inches	Inches	Inches			
16	3½					21.5	19.5	18.0	No butt requirements 2/	No butt requirements 2/	No butt requirements 2/
18	3½			26.5	24.5	22.5	21.0	19.0			
20	4	31.5	29.5	27.5	25.5	23.5	22.0	20.0			
22	4	33.0	31.0	29.0	26.5	24.5	23.0	21.0			
25	5	34.5	32.5	30.0	28.0	26.0	24.0	22.0			
30	5½	37.5	35.0	32.5	30.0	28.0	26.0	24.0			
35	6	40.0	37.5	35.0	32.0	30.0	27.5	25.5			
40	6	42.0	39.5	37.0	34.0	31.5	29.0	27.0			
45	6½	44.0	41.5	38.5	36.0	33.0	30.5	28.5			
50	7	46.0	43.0	40.0	37.5	34.5	32.0	29.5			
55	7½	47.5	44.5	41.5	39.0	36.0	33.5				
60	8	49.5	46.0	43.0	40.0	37.0	34.5				
65	8½	51.0	47.5	44.5	41.5	38.5					
70	9	52.5	49.0	46.0	42.5	39.5					
75	9½	54.0	50.5	47.0	44.0						
80	10	55.0	51.5	48.5	45.0						
85	10½	56.5	53.0	49.5							
90	11	57.5	54.0	50.5							
95	11	58.5	55.0	51.5							
100	11	60.0	56.0	52.5							

1/ The figures in this column are intended solely for use whenever a definition of ground line is necessary in order to apply specification requirements relating to scars, straightness, etc.

2/ Lines indicate length limits.

Diameter specifications for southern pine poles [1/]

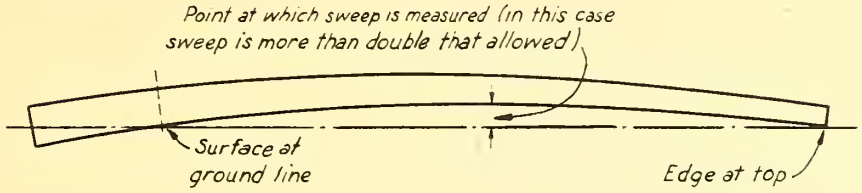
Class	1	2	3	4	5	6	7	8	9	10
Minimum diameter at top (Inches)	8.6	8.0	7.3	6.7	6.0	5.4	4.8	5.7	4.8	3.8
Length of pole	Minimum diameter at 6 feet from butt									
Feet	Inches	Inches	Inches	Inches	Inches	Inches	Inches	No butt requirements [2/]	No butt requirements [2/]	No butt requirements [2/]
16					6.8	6.2	5.7			
18			8.4	7.8	7.2	6.7	6.0			
20	10.0	9.4	8.8	8.1	7.5	7.0	6.4			
22	10.5	9.9	9.2	8.4	7.8	7.3	6.7			
25	11.0	10.3	9.5	8.9	8.3	7.6	7.0			
30	11.9	11.1	10.3	9.5	8.9	8.3	7.6			
35	12.7	11.9	11.1	10.2	9.5	8.8	8.1			
40	13.4	12.6	11.8	10.8	10.0	9.2	8.6			
45	14.0	13.2	12.3	11.5	10.5	9.7	9.1			
50	14.6	13.7	12.7	11.9	11.0	10.2	9.4			
55	15.1	14.2	13.2	12.4	11.5	10.7				
60	15.8	14.6	13.7	12.7	11.8	11.0				
65	16.2	15.1	14.2	13.2	12.3					
70	16.7	15.6	14.6	13.5	12.6					
75	17.2	16.1	15.0	14.0						
80	17.5	16.4	15.4	14.3						
85	18.0	16.9	15.8							
90	18.3	17.2	16.1							
95	18.6	17.5	16.4							
100	19.1	17.9	16.7							

1/ Diameters to the nearest one-tenth inch obtained by converting circumference specifications, assuming all poles to be round.

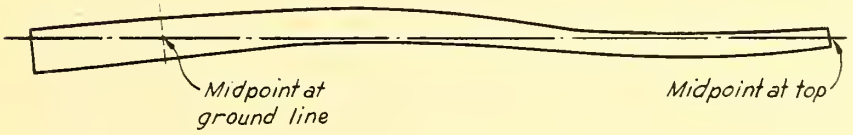
2/ Lines indicate length limits.

MEASUREMENT OF SWEEP AND SHORT CROOK IN POLES

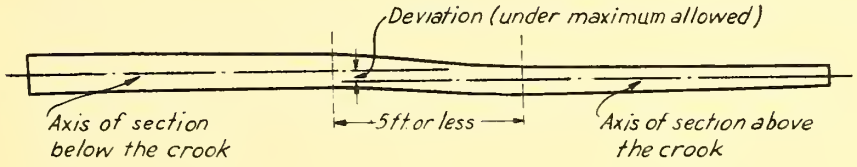
SWEEP IN ONE PLANE AND ONE DIRECTION



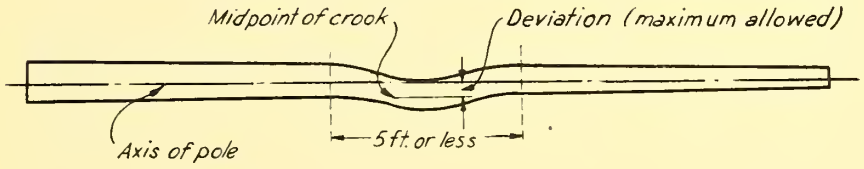
SWEEP IN TWO PLANES (DOUBLE SWEEP) OR IN TWO DIRECTIONS IN ONE PLANE (REVERSE SWEEP)



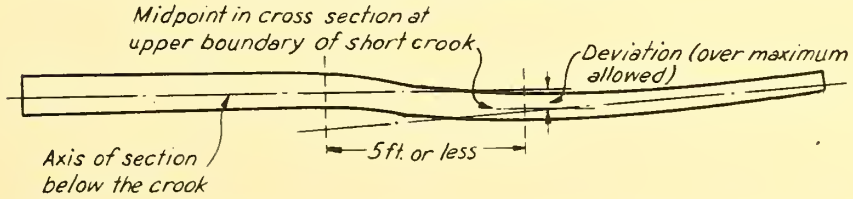
SHORT CROOK WITH REFERENCE AXES APPROXIMATELY PARALLEL



SHORT CROOK WITH REFERENCE AXES COINCIDENT OR PRACTICALLY SO



SHORT CROOK WITH REFERENCE AXES NEITHER COINCIDENT NOR PARALLEL


Midpoint in cross section at upper boundary of short crook
Deviation (over maximum allowed)
Axis of section below the crook
5ft. or less

Note: The three cases shown under SHORT CROOK are typical and are intended to establish the principle of measuring short crooks. There may be other cases not exactly like those illustrated.

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